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1898-99

ALUMNI ASSOCIATION

OF THE

UNIVERSITY OF ILLINOIS



MEETINGS OF 1898 AND 1899



ALUMNI ASSOCIATION

OF THE

UNIVERSITY OF ILLINOIS

MEETING OF JUNE 8, 1898

The Alumni Association of the University of Illinois met in business session in the University Chapel, June 8, 1898, at 10:45 o'clock a. m.

President F. L. Hatch ('73), of Spring Grove, called the Association to order.

The Secretary, Mrs. Myrtle Sparks, of Ottawa, was absent and Miss Corda C. Lucas, of Champaign, was chosen Secretary *pro tem*.

A fair number of the alumni was present and upon calling the classes by years the following persons answered to their names:

- 1872, N. C. Ricker, C. W. Rolfe.
- 1873, F. L. Hatch.
- 1874, I. O. Baker.
- 1875, Geo. R. Shawhan, Mrs. Milton Moore (Amanda Campbell).
- 1877, Mrs. H. Peddicord (Gertrude Switzer).
- 1878, E. J. Baker, Frank H. Lloyd.
- 1879, O. W. Hoyt.
- 1880, Corda C. Lucas.
- 1881, Frank Hammet, A. N. Talbot, Mrs. A. N. Talbot (Virginia M. Hammet).
- 1884, Samuel W. Parr, Mrs. S. W. Parr (Lucy A. Hall).
- 1885, George R. Petty, Mrs. P. T. Spence (Emma T. Jones).
- 1886, Minnie Jaques, Harry Schlauderman, Mrs. Charles F. Harris (Nettie Elder).
- 1888, Ella Connet, H. S. Grindley, Mrs. C. G. Lumley (Nellie McLean), Mary C. McLellan.
- 1889, D. R. Kinder.
- 1890, John Beardsley, G. P. Clinton.
- 1892, E. E. Gulick, J. P. Gulick.
- 1893, W. J. Fraser, Louis McMains, J. D. Phillips.
- 1894, F. J. Foote.
- 1895, P. M. Williams.
- 1897, C. D. Gulick, A. C. Beal, H. H. Kirkpatrick, F. W. Schacht, Louie H. Smith.

The members of the class of '98 were then voted in as members of the Association.

Lieut. S. W. Stratton ('84) was elected President of the Alumni Association for the ensuing year; Mrs. Alice Cheever Bryan ('74) was elected Vice-President; Miss Corda C. Lucas ('80) was elected Secretary.

After a long discussion a committee was appointed to look after a revision of the constitution. A complete change in the by-laws seemed to be the only way to straighten out the tangled affairs and put the Association upon a firm basis. The Chair appointed upon this committee S. W. Parr, I. O. Baker, and Miss Corda C. Lucas.

At 3 o'clock p. m. the Association met in the Physics Laboratory to hear the report of the revision committee and the following report was read and accepted:

To the Alumni Association.

Your committee recalls the fact that our Alumni list has suddenly been expanded from less than a thousand to over two thousand names and that while many local associations exist, many more are contemplated and others might with profit be installed; and from many other existing conditions we are impressed with the fact that we have outgrown our old organization and need new machinery for our proper development.

We therefore recommend that a reorganization be effected which shall contemplate the existence of an executive committee having the powers of the General Association *ad interim* and that the first work of such committee shall be the reconstruction of the constitution of this Association, the same to embody this provision.

We further nominate as a committee on revision, which committee shall also act for the ensuing year as an executive board, Messrs. W. A. Heath, chairman; F. H. Lloyd, A. N. Talbot.

Respectfully submitted,

S. W. PARR,
I. O. BAKER,
CORDA C. LUCAS,
Committee.

The Association then adjourned.

CORDA C. LUCAS, Secretary pro tem.

ALUMNI ASSOCIATION

OF THE

UNIVERSITY OF ILLINOIS

MEETING OF JUNE 13, 1899

At the business meeting held in the University Chapel President S. W. Stratton ('84) presided.

A. N. Talbot reported recommendations of the revision committee in relation to changes in the constitution of the Association and amendments to the constitution were adopted making the following provisions:

1. Secretary may be selected from outside the membership of the Association.
2. An executive committee of five, of whom three shall be residents of Champaign County, which shall act for the Association *ad interim*, shall be elected.
3. The membership fee and annual dues are abolished.

Further time was granted the committee on the matter of the relations with the alumni of affiliated colleges and universities and of the revision of the constitution.

The Secretary was instructed to ask the Board of Trustees for an appropriation of \$25.00 to pay the expense of printing, etc.

The following officers were elected for the ensuing year: President, W. N. Butler ('79), Cairo, Ill.; Vice-President, G. R. Shawhan ('75), Champaign, Ill.; Secretary, W. L. Pillsbury, Urbana, Ill.

Executive committee, W. A. Heath ('83), Champaign; F. H. Lloyd ('78), Champaign; A. N. Talbot ('81), Urbana; J. E. Armstrong ('81), Chicago; C. W. Groves ('80), Dixon.

The executive committee was instructed to include in the program for next alumni day an address by an alumnus.

ALUMNI DINNER.

Toastmaster, G. W. Myers ('88); speakers: H. M. Dunlap ('75), I. O. Baker ('74), T. J. Burrill (honorary member), S. W. Stratton ('84), W. D. Pence ('86), F. G. Carnahan ('92), S. A. Bullard ('78), G. T. Seely ('99), W. N. Butler ('79).

Music by University quartette.

C. D. McLane ('92) chairman of dinner committee.

Those present at the alumni dinner who reported their names were :

- 1872, C. W. Rolfe, Howard Silver.
 1873, F. L. Hatch.
 1874, I. O. Baker, Mrs. Alice C. Bryan (Alice Cheever).
 1875, H. M. Dunlap, G. R. Shawhan.
 1876, Frank I. Mann.
 1877, Cornelia Broshar, H. Gilkerson, Franklin Spence, Mrs. Velma Skinner Ward (Velma E. Skinner).
 1878, F. H. Lloyd, Manfred Savage, S. A. Bullard.
 1879, W. N. Butler.
 1880, Corda C. Lucas, C. W. Groves.
 1881, F. W. Hammet, A. N. Talbot, Mrs. A. N. Talbot (Virginia M. Hammet), Darlie Thomas.
 1882, F. D. Rugg.
 1883, Mrs. I. A. Love (Martha H. Boggs).
 1884, S. W. Stratton, S. W. Parr, Mrs. S. W. Parr (Lucy A. Hall), Keturah E. Sim.
 1885, C. W. Woodworth.
 1886, W. D. Pence.
 1887, Mrs. P. A. Elder (Mary H. Williamson).
 1888, Mrs. C. G. Luniley (Nellie McLean), G. W. Myers, Mary C. McLellan.
 1889, Amy Coffeen.
 1890, James Barr, Anna C. Boyle.
 1891, Opal B. Heller, T. J. Howorth, T. H. Barclay, W. A. Boyd.
 1892, F. G. Carnahan, Howard O. Woodworth, Cassandra A. Boggs, C. D. McLane, H. S. Piatt.
 1893, Sophia Peterson, H. I. Carpenter.
 1894, Gertrude Shawhan, J. E. Hallinen.
 1895, C. V. Seastone, Bertha M. Pillsbury.
 1896, R. K. Porter, H. C. Marble.
 1897, L. H. Smith, A. C. Beal, R. W. Braucher, O. L. Gearheart, Martha J. Kyle, J. L. Parr, H. H. Kirkpatrick, H. V. Carpenter.
 1898, W. W. Dillon, Minnie B. Woodworth, Pearl House.
 1899, G. T. Seely, Virginia Dinwiddie, J. E. Meharry, J. K. Hoagland, T. Woods Smurr.

Adjourned.

CORDA C. LUCAS, Secretary.

The Secretary elect hopes that the Alumni will inform him promptly of all changes in their occupations and addresses and of other matters of interest to the Association or to their classmates.

W. L. PILLSBURY,
 Urbana, Illinois.

UNIVERSITY OF ILLINOIS

TWENTY-EIGHTH

ANNUAL COMMENCEMENT

AT MILITARY HALL

WEDNESDAY, JUNE 14, 1899

10:00 A. M.



PROGRAM

March—U. of I. Cadets, - - - - - *Jones*

MILITARY BAND

Devotional Exercises, - - - - - Rev. H. H. Oneal, D.D.

Overture—Tancred, - - - - - *Rossini*

MILITARY BAND

Address, - - - - - The Twentieth Century American

Hon. George E. Adams

Of Chicago

Sextet from "Lucia", - - - - - *Donizetti*

MILITARY BAND

Conferring Degrees

Pilgrims' Chorus from "Tannhauser", - - - - - *Wagner*

MILITARY BAND

GRADUATES AND THESES

COLLEGE OF LITERATURE AND ARTS

For the Degree of Bachelor of Arts

In Specialized Courses--Theses Required

- MARY CONSTANCE BIGELOW.....Quaternion Geometry
LUCILE ALICE BOOKER..Bacon and Emerson: Their Relation to Each Other
and the Relation of Each to Plato.
MARY EDITH CLARK.....A Study of the Repetitions in Homer's Odyssey
DANIEL CLEMENT KETCHUM..County Government in Illinois, 1818 to 1848
ROY J RAILSBACK..Plautus's Menaechmi as the Basis for Shakespere's
Comedy of Errors.
WILLIAM BLAKE LEACH..A Critical Study of Coleridge's Translation of
Wallenstein.
JESSE ERLE MEHARRY.....Disposal of Public Lands
FLORENCE MARY SMITH..The Pronunciation of Latin Proper Names in
American Colleges and Universities.
LULU CATHERINE WOOLSEY..Public Opinion in Illinois on Questions Relating
to Slavery and the Union in 1860-61.

In General Courses

- | | |
|--------------------------|------------------------|
| SAMUEL MICHAEL BAYARD | RUTH CLEVELAND RAYMOND |
| RUTH BENNETT | EMMA MAY RHOADS |
| CLARENCE EDGAR BOCOCK | HORACE ADAMS RHOADS |
| EDITH CLARK | FELIX RITCHEY |
| PHILIP HENRY CLARK | WALTER ROBERT SCHUTT |
| DAISY GARVER | FRANK THOMAS SHEEAN |
| LOUISE JONES | HENRY DAVID SHEEAN |
| JAMES THOMPSON KINGSBURY | CARL EDMUNDS SHELTON |
| IDA SUSAN LANDEL | ELMA SMOOT |
| ELLA LOFTUS | TOM WOODS SMURR |
| MRS. MARY MCGILVREY | MAGGIE EDITH STALEY |
| MASON HARDER NEWELL | RALPH THOMPSON |
| ARTHUR ELIJAH PAINE | ALICE MILDRED VIAL |
| BERTRAM OTHO YOUNG | |

COLLEGE OF ENGINEERING

For the Degree of Bachelor of Science

In Architecture

- HARRY TRUXTUN EASTMANAn Episcopal Church
EUGENE WILLIAM PENN FLESCHE.....An Apartment House
WALTER BURLEY GRIFFIN.....Costs
IRWYN HORATIO HILL.....A Fraternity House

CARROLL GRAY LAWRENCE	A Pavilion Hospital
GEORGE LESLIE RAPP	A Public Bath
CHARLES AUGUSTUS SMITH.....	A County Fair
RALPH WILSON WEIRICK.....	A Library
MARK HUBERT WHITMEYER	A School House

In Architectural Engineering

JAMES FRANKLIN KABLE	Costs
GEORGE BASSETT WILLIAMS.....	Acoustics

In Civil Engineering

GWAVAS FOSTER BECKERLEG.....	Strength of Concrete
THEODORE LEONARD BURKLAND.....	Flow in Pipe Sewers
HALBERT LILLY CHIPPS.....	Flow in Pipe Sewers
ROBERT LAMBERT FOWLER.....	Lime-Cement Mortar
FRED GRIM.....	Yield of Mortar and Cement
GARRETT TELLER SEELY.....	A Train Shed
ELMER CHURCH SMITH	Water Ram in Pipes
GEORGE EDWARD TEBBETTS.....	Tests of Soundness of Cements
OTTO JOHN THEISS.....	Retempering Cement Mortar
WILLIAM HERBERT VANCE.....	Strength and Weight of Coke Concrete
MAURICE MEACHAM WILLCOX.....	Holding Power of Anchor Bolts

In Electrical Engineering

HARRY ANDERSON.....	Magnetic Leakage of Dynamos
RALPH BENNETT.....	Tests of Motors
THOMAS MURRAY BEVANS.....	A Hysteresis Dynamometer
CHARLES LUTHER CLIFFORD.....	Tests of Incandescent Lamps
GEORGE DODDS.....	Magnetic Leakage of Dynamos
ALEXANDER DAWES DUBOIS.....	Design of Electro-Magnets
CLARENCE EARL FLEAGER.....	Tests of Magnetic Qualities of Iron
HUGH MCWHURR GILCHRIST.....	Tests of Magnetic Qualities of Iron
BENONI EDWARD MERCIL.....	Heating of Magnet Coils
JOSEF MESIROFF.....	Design of Electro-Magnets
FRED JACOB POSTEL.....	Tests of Insulating Materials
SIDNEY ORIN SWENSON.....	Heating of Magnet Coils
EDMUND VOLK.....	Tests of Insulating Materials
GEORGE HENRY WILMARTH.....	A Hysteresis Dynamometer
JOHN HAYES YOUNG.....	Tests of Resistance Materials

In Mechanical Engineering

FRANK HALL ARMSTRONG.....	Effect of Scale Deposits in Boilers
JAMES CLIFFORD BRADLEY.....	Boiler Tests of Illinois Coals
HARRY ARTHUR CHUSE.....	Decatur Pumping Engines
HOWARD MONTGOMERY ELY.....	Experiments with Dynamometer Car
WILLIAM ALEXANDER FRASER.....	Flow of Steam Through Ports
JOHN NEWTON HERWIG.....	Effect of Scale Deposits in Boilers
GEORGE WALLACE HUBBARD.....	Boiler Tests of Illinois Coals
OSCAR ADOLPH LEUTWILER.....	Decatur Pumping Engines
WILLIAM W WEBSTER.....	Experiments with Dynamometer Car

In Municipal and Sanitary Engineering

WINFRED DEAN GERBER	Septic Tank Sewage Purification
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COLLEGE OF SCIENCE

For the Degree of Bachelor of Science

In Specialized Courses==Theses Required

In Chemistry

- FRITZ CONRAD KOCH.....The Oxidation of Nitrogen
 HORACE CHAMBERLAIN PORTER, A. B...Food Adulteration: A Study of its
 Extent and Character along Certain Lines, in the State of Illinois.
 PAUL FREDERICK AUGUSTUS RUDNICK..A Study of the Chemical Properties
 of Dimethylarsin.

In Natural Science

- VIRGINIA DINWIDDIE..The Distribution of Phosphorus in the Histological
 Elements of the Blood, with Especial Reference to Establishing the Rela-
 tionship and Function of the Blood Plates.
 FRED MORGAN McELFRESH....Insects Injurious to the American White Elm
 RALPH WALTER MILLS..A Study of Five Species of Sunfishes, with Special
 Reference to *Lepomis humilis* Girard.

In Mathematics and Astronomy

- JOHN ALBERT FOBERG—Vector and Quaternion Methods and Notations in
 Statics.

In General Courses

In Natural Science

- | | |
|------------------------------|--------------------------|
| MARCUS SAMUEL FLETCHER, M.D. | DAISIE MARGARET OWENS |
| ALLIE DELLENA HUGHSTON | MARTIN L ULLENSVANG |
| FREDERICK MILTON JAMES | BEN: PERLEY WEAVER |
| ALLEN MEADE OTWELL | JAMES INGERSOLL WERNHAM. |

COLLEGE OF AGRICULTURE

For the Degree of Bachelor of Science

- LOUIS DIXON HALL..Economic Pork Production for the American Corn Belt
 JOHN KING HOAGLAND..Corn as a Basis of a Feeding Ration for Winter Fat-
 tening of Sheep.
 JOHN ALBERT LATZER.....Composition, Nutritive Value, and Cost of Milk
 JOHN EATON RAYMOND.....American Beef and its By-Products

SCHOOL OF LIBRARY SCIENCE

For the Degree of Bachelor of Library Science

- JANE ELIZABETH COOKE.....Publishers and their Specialties
 EDNA FAIRCHILD.....Bibliography of Pre-Raphaelitism
 EMMA REED JUTTON..Coöperation of the Public Libraries and the Public
 Schools of Illinois.
 MARION EMELINE SPARKS.....Founding a Public Library in Illinois
 LAURA ALLANA STREIGHT.....Bibliography of the Geology of Illinois

SCHOOL OF MUSIC

For the Degree of Bachelor of Music

ALICE PUTNAM.....A Comparative Study of Violinists

SCHOOL OF LAW

For the Degree of Bachelor of Laws

RICHARD CHARLES DONOGHUEThe Law of Dower in Illinois
HAROLD FREDERICK TRAPP..Warranties in the Sale of Chattels under the
Laws of Illinois.

GRADUATE SCHOOL

For the Degree of Master of Arts

WILLIAM WESLEY BLACK, A.B., 1898The Teaching of Plant Life
LUCY HAMILTON CARSON, Ph.B. (Univ. of Chicago), 1898.....The Style and
References of Lyly's Euphues.

For the Degree of Master of Letters

OPAL BEATRICE HELLER, B.L., 1891.....The Language and Style of Sidney's
Arcadia.

For the Degree of Mechanical Engineer

JAMES HARRY MCKEE, B.S., 1896.....Locomotive Road Tests
ANDREW HENRY NEUREUTHER, B.S., 1898.....Superheated Steam

For the Degree of Master of Science

WILLIAM CHARLES BRENKE, B.S., 1896.....Variation of Latitude
HUBERT VINTON CARPENTER, B.S., 1897.... Methods of Measuring and
Comparing Inductance and Capacity.
HARRY CLAY COFFEEN, B.S., 1898..Theoretical Study of the Variable Star Eta
Aquilæ.
LOUISE SARAH DEWEY, B.S., 1897..Action of Typhoid Poison on the Heart
JOHN LANGLEY SAMMIS, B.S., 1897.....A Study of Foods
HARRY MCCORMACK, B.S. (Drake Univ.), 1896..Losses in the Cooking of Meat
RICHARD W SHARPE, B.S., 1893..Contribution to a Knowledge of the Amer-
ican Fresh Water Ostracoda.
LOUIE HENRIE SMITH, B.S., 1897....A Chemical Study of the Corn Plant
ALBERT PHILIP SY, B.S., 1894...A Study of the Methods of Water Analysis

For the Degree of Master of Laws

GEORGE BEDELL WORTHEN, LL.B., 1898.....The Trust Fund Theory of the
Assets of Insolvent Corporations.

COMMISSIONS IN ILLINOIS NATIONAL GUARD

ALEXANDER DAWES DuBOIS	WILLIAM ALEXANDER FRASER
EUGENE WILLIAM PENN FLESCH	GEORGE WALLACE HUBBARD
ROBERT LAMBERT FOWLER	CARROLL GRAY LAWRENCE
MAURICE MEACHAM WILLCOX	

CLASS OF 1899

Harry Anderson.....	Sheldon	Fred Morgan McElfresh.....	Jacksonville
Frank Hall Armstrong.....	Serena	Mrs. Mary McGilvrey.....	Urbana
Samuel Michael Bayard.....	Vincennes, Ind.	Jesse Erle Meharry.....	Tolono
Gwavas Foster Beckerleg.....	Chicago	Benoni Edward Mercil.....	Chicago
Ralph Bennett.....	Chicago	Josef Mesiroff.....	Chicago
Ruth Bennett.....	Chicago	Ralph Walter Mills.....	Webster Groves, Mo.
Thomas Murray Bevans.....	Chicago	Mason Harder Newell.....	Springfield
Mary Constance Bigelow.....	Champaign	Allen Meade Otwell.....	Plainview
Clarence Edgar Bocock.....	Bradford	Daisie Margaret Owens.....	Urbana
Lucile Alice Booker.....	Champaign	Arthur Elijah Paine.....	Rosemond
James Clifford Bradley.....	Morrison	Horace Chamberlain Porter, A.B., 1897,	
Theodore Leonard Burkland.....	Moline	Champaign
Halbert Lilly Chippis.....	Sullivan	Fred Jacob Postel.....	Mascoutah
Harry Arthur Chuse.....	Mattoon	Alice Putnam.....	Chicago
Edith Clark.....	Vandalia	Roy J Railsback.....	Hopedale
Mary Edith Clark.....	Champaign	George Leslie Rapp.....	Carbondale
Philip Henry Clark.....	Galena	John Eaton Raymond.....	Sidney
Charles Luther Clifford.....	Serena	Ruth Cleveland Raymond.....	Sidney
Jane Elizabeth Cooke....	Monroe, Mich.	Emma May Rhoads.....	Champaign
Virginia Dinwiddie.....	Champaign	Horace Adams Rhoads.....	Champaign
George Dodds.....	Neoga	Felix Ritchey.....	Cadwell
Riehard Charles Donoghue.....	LaSalle	Paul Frederiek Augustus Rudnick....	
Alexander Dawes DuBols.....	Springfield	Chicago
Harry Truxtun Eastman.....	Rock Island	Walter Robert Schutt.....	Belleville
Howard Montgomery Ely.....	Peoria	Garrett Teller Seeley.....	Oswego
Edna Fairchild.....	Toledo, Ohio	Frank Thomas Sheean.....	Galena
Clarence Earl Fleager.....	Sheldon	Henry David Sheean.....	Galena
Eugene William Penn Flesch.....	Chicago	Carl Edmunds Sheldon.....	Sterling
Marcus Samuel Fletcher, M. D.....	Jamaica	Charles Augustus Smith.....	Mattoon
John Albert Foberg.....	Chicago	Elmer Church Smith.....	Columbus, Neb.
Robert Lambert Fowler.....		Florence Mary Smith.....	Urbana
.....	Salt Lake City, Utah	Elma Smoot.....	Danville
William Alexander Fraser.....	LaSalle	Tom Woods Smurr.....	Ottawa
Daisy Garver.....	Bloomington	Marion Emeline Sparks, A. B. 1895,....	
Winfred Dean Gerber.....	Rockford	Urbana
Hugh McWhurr Gilchrist.....	Gilchrist	Maggie Edith Staley.....	Urbana
Walter Burley Griffin.....	Elmhurst	Laura Allana Streight.....	Franklinville, N.Y.
Fred Grim.....	Canton	Sidney Orin Swenson.....	Chicago
Louis Dixon Hall.....	Hawarden, Iowa	George Edward Tebbetts.....	Chicago
John Newton Herwig.....	Mason City	Otto John Theiss.....	Sublette
Irwyn Horatio Hill.....	Joliet	Ralph Thompson.....	Carbondale
John King Hoagland.....	Herborn	Harold Frederick Trapp.....	Lincoln
George Wallace Hubbard.....	Urbana	Martin L Ullensvang.....	Steward
Allie Dellena Hughston.....	Urbana	William Herbert Vance.....	Edwardsville
Frederick Milton James.....	Piasa	Alice Mildred Vial.....	Western Springs
Louise Jones.....	Champaign	Edmund Volk.....	Mendota
Emma Reed Jutton.....	Champaign	Ben: Perley Weaver.....	Urbana
James Franklin Kable.....	Viriden	William W. Webster.....	Urbana
Daniel Clement Ketchum.....	Champaign	Ralph Wilson Welrick.....	Washington
James Thompson Kingsbury....	Pinkstaff	James Ingersoll Wernham.....	Marengo
Fritz Conrad Koch.....	Elmhurst	Mark Hubert Whitmeyer.....	Danville
Ida Susan Landel.....	Champaign	Maurice Meacham Willeox.....	Elmore
John Albert Latzer.....	Highland	George Bassett Williams.....	
Carroll Gray Lawrence.....	Carbondale	Washington, D. C.
William Blake Leach.....	McLean	George Henry Wilmarth.....	Aurora
Oscar Adolph Leutwiler.....	Highland	Lulu Catherine Woolsey.....	Polo
Ella Loftus.....	Champaign	Bertram Otho Young.....	LeRoy
John Hayes Young.....	Chicago		

SCHOOL OF MEDICINE

(College of Physicians and Surgeons, Chicago)

For the Degree of Doctor of Medicine and Surgery

Charles A. Albrecht
 Hubert Franklin Andrews
 J. W. Backus
 Ernest Stanley Barker
 Frederick Louis Barnes
 Hiram H. Bay
 August Frederick Bechtold
 Lora L. Beedy
 E. E. Best, M.D.
 Jonathan Clymont Betz
 James Moreau Brown
 George Stillman Browning
 Thomas Jerome Burke
 John H. Bush
 Clarence Albert Butler
 William Bernard Campbell
 Henry Colistuc Carroll
 W. H. Chamber, M.D.
 E. A. Chloupek
 C M Coen
 L. G. Crosby
 Conrad Howard Czarra
 J H Dugan
 John Milton Edwards
 Bernard Fantus
 Leon Feingold
 Marie A. Fellows
 George Carl Fisher
 Ira Frank
 Frank Lesley Freas
 James William Garth
 Henry Gatham
 Robert J. Goggin
 B. C. Grabowicz
 John Patrick Grimes
 James Lloyd Hammond
 Frederick G. Harris
 Harvey C. Heald
 A. E. Herzog
 Thomas R. Hillard, A.B.
 Henry J. Hillebrand
 Mrs. Helen Taylor Hisom
 Hanna Luella Hukill
 C C Hummel
 Mary Gill Hunter, M.D.
 A. Jacobson
 Herman Janss
 Abbott E. Kay
 Luke H. Kelley
 Russell Calvin Kelsey, M D.
 Matthias Joseph Klein
 W. E. Klokke
 F. B Knudson
 Eugene O. Koenemann
 Albert G. Kreuger
 Thomas D. Lafttry
 Albert Robert Lemke

William Henry Lerch
 Ross David Long
 W. E. Long
 David Ellsworth Lucas
 Robert G. McCarthy
 Alberta V. McClung, M D.
 Charles Alfred McCormick, M.D.
 Oscar Eugene McWilliams
 O E Macy
 E. H. Madajesky
 F. F. Markey
 John Eugene Metcalf
 Frank William Myers
 Frank D. Moore
 Frederick Wolfgang Myers
 Wilhelm Carolins Olsen
 James Alphonse Peters
 Benjamin Merchant Platt, M.D.
 Valdemar Pleth, M.D.
 Jesse Young Potter
 Frank P. Ramsey
 Elmer J Raw
 M A Reasoner
 William Frederic Reich
 G. R. Rich
 F. A. Richards
 Herman Richard Russell
 Philip G Sanderson
 George Francis Scheib, B S.
 Gustav Schmitt, A M.
 Albert J. Schoenberg
 Charles E Sisson
 Clarence Howard Slightam
 Thurston Smith
 Frank B. Steele
 A. W. Stillians
 Samuel Martin Strohecker
 John Stewart
 Eugene A. Sullivan
 J. E Swanson
 John Richard Taylor
 Theodore Tiekens
 Edmund Walter Timm
 John Harrold Turner
 James Lawson Walsh
 Edward Mathias Wanicek
 Carl E. L. Weber
 Ernest August Weichbrodt, M.D.
 John Valentine Wenzel
 James William Wherry
 Eugene Rudolph Whitmore.
 LeRoy Alvin Wilson
 Edward Clark Winans
 Glenn Wood
 William Kriebel Yakel
 Sallie A. Yingst.
 Kasimar A. Zurawski.

* Degrees conferred April 19, 1899, in Chicago.

SCHOOL OF PHARMACY

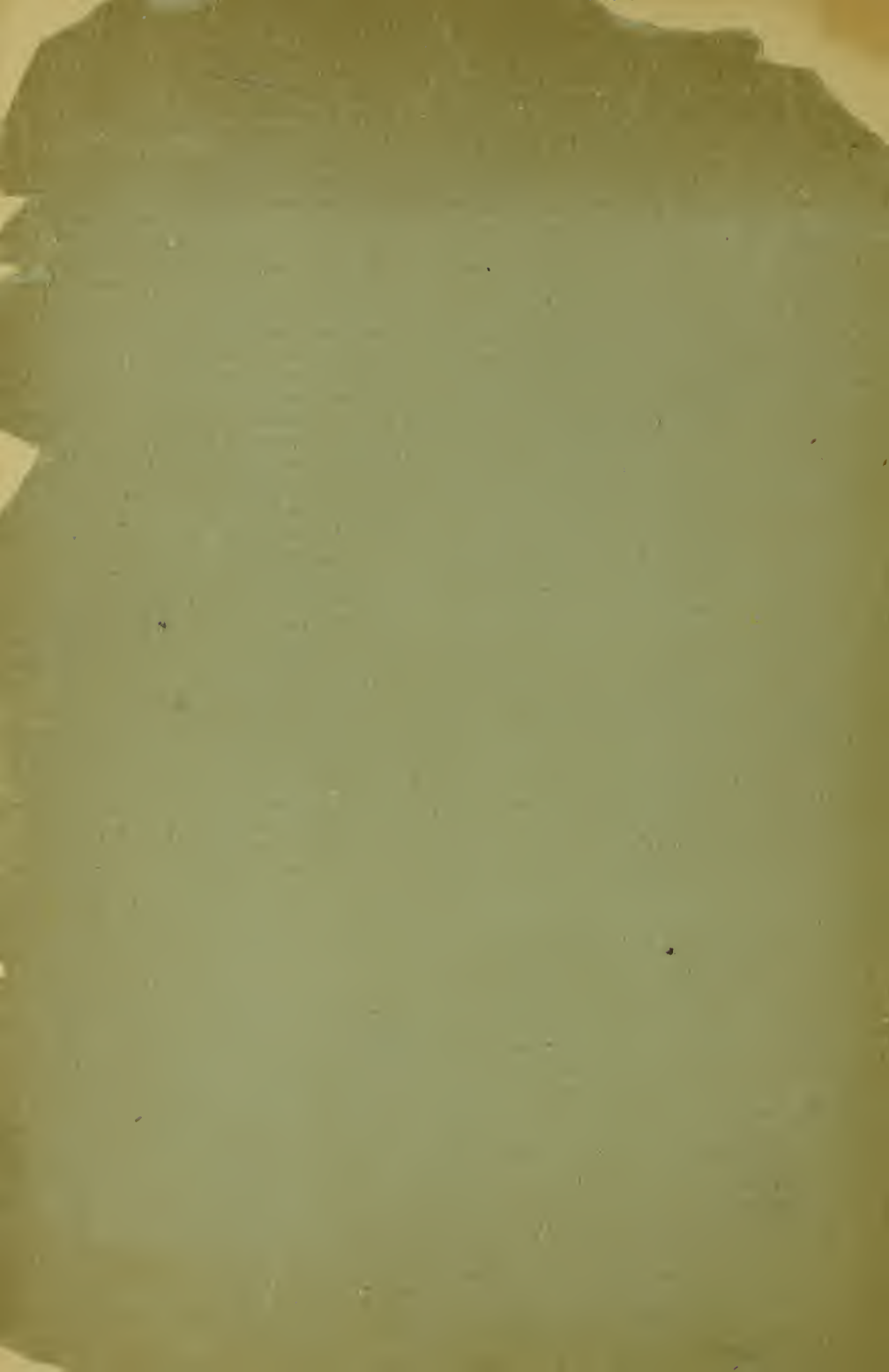
(Chicago College of Pharmacy)

For the Degree of Graduate in Pharmacy

George Edwin Arnold
 Charles Walter Bartells
 Carl August Bernhardt Biese
 Horatio Thomas Addis Brady
 William John Buchholtz
 John Samuel Chism
 Adolph Dauber
 Cyrus Justin Davis
 August Eipper
 Louis Albert Elisburg
 George Christopher Goeppner
 Grove Greene
 Frank Preston Haeseler
 Albert Henry Heidebreder
 Joseph Anthony Hellmuth
 Charles Herboid
 Alva Andrew Johnson
 Walter August Jungk
 John Wright Martin
 Zebina Earle Marvin
 Alonzo Edward Meinzer

Albert Michaelmann
 Jay Howard Mitchell
 Howard Arthur Nickerson
 Luther Hansford Phipps
 Emil Emil Pick
 Frank Joseph Pokorney
 Walter Thomas Price
 William Conrad Reuter
 Andrew Jackson Robson
 Charles Howard Schimelfenig
 Jacob Schrobt
 Daniel Peter Seibert
 William Edward Snyder
 Isa Belle Sturges
 Harold Gideon Swanson
 George Owen Taylor
 Raymond Eugene Taylor
 DeWitt Snow Vannatta
 Frederick Wilhelm Woelz
 William Zerbst

* Degrees conferred April 20, 1899, in Chicago.



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Please Return

ALUMNI ASSOCIATION

OF THE

UNIVERSITY OF ILLINOIS



MEETING OF JUNE 12, 1900

PROCEEDINGS
AT THE MEETING OF THE
ALUMNI ASSOCIATION
OF THE
UNIVERSITY OF ILLINOIS

JUNE 12, 1900



ANNUAL ADDRESS BY
CLARENCE HOWARD BLACKALL, M. ARCH.

URBANA, ILLINOIS
PUBLISHED BY THE ASSOCIATION

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COMMENCEMENT PROGRAM	

NOTICE—

The University will publish the Triennial Catalogue of its Alumni next spring. I shall send some time before the close of this year to each of you for a verification or such correction as may be needed of the data already in hand for the catalogue and shall receive, I have no doubt, a ready and careful response to my inquiries; and I hope that without waiting for this formal asking, I may receive early information of all matters concerning alumni which will be of interest to the Association, especially changes of residence.

W. L. PILLSBURY,

Secretary.

Address Delivered to the Alumni Association of the University of Illinois June 12, 1900,

... BY ...

CLARENCE HOWARD BLACKALL, '77

A Study of the Fine Arts as a Factor in Modern Life and Personal Happiness.

Thirty years or more ago, when this great University to which we all owe allegiance made its first weak and faltering beginnings, and started upon the career which has since, through these long years, brought it such credit and honor, the state which founded it, no less than the nation which endowed it, was in a condition of artistic barrenness which we to-day can but faintly appreciate. The country was but barely recovered from the turmoil of the civil war, and art in any of its manifestations was one of the last things to attract or fasten the attention or good will of the average educator. Fortunately for the University of Illinois, however, its first president was a man endowed with a clearness of discernment such as is vouchsafed to few only of the chosen leaders of the people, and in the early years of the University Dr. Gregory announced that a department devoted to the study of architecture and the fine arts was essential if the struggling school was to develop into the university which his hopes then pictured it should. His keen judgment and enlightened taste told him that the aesthetic element could not safely be ignored in any scheme of higher public education; that he must build for that future which his prophetic vision enabled him to discern, rather than merely to meet the existing demand for a sternly practical curriculum. First of all the universities of the Middle West, and second only to one other school in the whole country, the University of Illinois, therefore, incorporated in its academic courses the study of the fine arts, and by the establishment of a department of architecture in 1870 placed itself in the foremost rank of the great modern educational institutions.

I shall not undertake to present a history of the School of Architecture of this University; its growth is familiar to many of you. Those who have been privileged to see its inner workings know how faithfully our honored Professor Ricker has struggled to bring it up from nothing to its present proud position; how successfully he has gathered about him earnest helpers, and how from the first beginnings the School of Architecture has been a prominent element in the growth of the University of Illinois. We remember the hopes of the early years, the high ideals which marked the beginning of our architectural courses, and the confident buoyancy of ignorance which sent the earlier graduates out into the world to be, as they fondly hoped, the enlighteners of those who dwelt in the outer darkness and did not appreciate the blessings of good architecture, to be the apostles to the Philistines. We remember the feelings with which we made our first essays in creative art, and the naive joy with which we endeavored to apply the principles gathered under the shadow of these walls; and it has been with many of us a perennial source of delight to look back at our Alma Mater, to witness the broadening of her scope, the perfecting of her methods, the constant raising of her standards; to watch the growth and the struggles and to measure the fruition of the training which has here been made possible. We are proud of the fellowship of this College, the artistic as well as personal friendships which it has called into being and made enduring, the part our School and our professor have borne in the art world of both state and country, and the respect which both have won at home and abroad. We realize now, as it was impossible for us to realize thirty years ago, that this department of architecture represents a very important factor of modern life, full of possibilities for the future welfare of the individual and of the race, a factor not always appreciated, and one whose influence is manifested in unexpected channels, but which nevertheless powerfully sways human thought and moulds the individual life.

The Department of Architecture in this University was not established merely because certain citizens of Illinois wished their sons to become architects, nor was it intended to make the thorny path of artistic excellence an easier or cheaper one, but behind it all and through the whole policy of the the thirty years of the school, there has run the feeling that art is a part of modern civilization,

that the universities of the people owe it to themselves and to the country to bring art into the daily life of the nation, to make it a part of the development, and to offer its possibilities to the young men and women who are growing up to take the direction of life, to set before them the elevating and refining influences of the fine arts, and to show how emphatically a love of the beautiful, an appreciation of art in its finer phases, is a necessary preparation for the larger life beyond these College walls and is therefore an essential element in university education. It is for this that Professor Ricker has labored, for this that the Department was founded.

Twenty-five centuries or more ago there arose, developed, and decayed, after blossoming into a flower of most exquisite perfection, a civilization in the old land of Greece, so rare, so perfect in many of its ways that we to-day are glad to go back to it for inspiration, for guidance, and for help. It was Athens which first taught the world the beauty of form, the ennobling power of pure art. And even after the civilization of Athens had been submerged beneath the waves of medievalism her name and influence still remained as a type of what was best in art, purest in literature, and most desirable in civic life. With the old Athenian the worship of beauty was a fundamental element of his creed, and so subtly were his aesthetic instincts attuned, that all he did, every department of industry or life, however humble, retained the imprint of his sympathetic and sensitively imaginative mind. His art, his architecture, represented the best in his character and in his religion. Beauty to him was a goddess to be worshipped and adored, and he possessed that rare sense of the eternal fitness of things by virtue of which he made even his pots and kettles beautiful. His art was made manifest not merely in the beauty of Praxiteles or in the noble proportions of the Parthenon, but even in his daily attire, in the cut of his garments; and by his art Greece was lifted far above the barbarous life of his contemporaries and advanced by centuries along the line of the world's progress. Through all his life ran a joyous element of art for art's sake. It undoubtedly was unconscious to a great extent, it often descended into trivialities which we do not like to try to explain, but it reflected a degree of intensity which the world did not see repeated for many centuries.

Greece as an art center is no more. The old Athens is a modern capital glorying only in the relics of the past. The spirit of Greece

has left the shores of Attica, has travelled westward with the march of civilization, enlightening the coast of Italy through the brilliant period of the Renaissance, giving France her best impulses in art, finding a faint reflex in England, and to-day the spirit of the old Athenians is reviving among a people far to the west of the Atlantis of Greek song and fable, a people who can boldly claim inheritance in the old love of the beautiful and appreciation of the fine arts, and who are beginning to show at least a measure of the fine aesthetic sentiment which was the motive force of Athens. We would not wish that America should inherit all the traits of the ancient Greeks, but there is a constantly growing number of modern Athenians to whom beauty is more than a picture and art more than a detail; to whom the love of the beautiful means more than an earning of one's living, and the development of art more than the mere success of the individual; among whom we may look for the highest type of twentieth century civilization and culture; and the influence of these modern Athenians makes itself felt in no uncertain manner. The whole country responds to the leaven of good architecture and good taste. We sometimes like to characterize the century just closing as being intensely materialistic, and, indeed, the trend of thought in medicine, in law, in nearly all the professions, has been towards an elimination of the imaginative and a substitution therefor of an analytical materialism. But within the life time of this University the new influence has come into our national life, and with all our material tendencies and limitations, there probably never was a time before in the history of this country, when art for art's sake could command so high a measure of respect, or when artistic possibilities were so vast. It seems as if the aesthetic element which has been so crowded out of some of the professions and forced away from business and public policy, had burst out with redoubled energy along the lines of distinct artistic manifestation. Nor is this phase of modern life a local development. There is no North, no South, no East, and no West in our modern art. The country meets on a common ground, and we find the same impulse towards better buildings, towards truer paintings, towards more ideal treatment of sculpture, in New York, in San Francisco, in Saint Paul, and in Saint Augustine. I need cite only a few of the manifestations of art to demonstrate to you how through all the commercial materialism of the present day there now run possibilities of artistic appreciation.

The Dewey Arch in New York is daily admired by thousands and the beauty of its architecture and its sculptured glories have entered into the consciousness of the average New Yorker to an extent that makes him desire to see it perpetuated in marble and bronze. A decade ago such an art work would have been impossible, not because artists could be found to dream it out, but because the people were not ready for it. The magnificent buildings which formed the chief charm of the Columbian Exhibition are another object lesson of what the nation now wants and is willing to pay for; while the more recent development of the University of California, the lavishly designed buildings which it proposes to erect, show a universality of possibilities to which we cannot but give heed. The fine arts as a whole have risen to a pitch of enthusiasm such as is hardly excelled anywhere in the world. We want the best in this country and we intend to have it. Fortunately, we have the material means with which to gratify our artistic desires. It remains only for us to seek for what is really best, to learn how to enjoy and apply our art, and to discriminate in matters of taste.

"The love of beauty, the service of it, the production of beautiful things, are the test and measure of the true worth of the individual and of the nation. They are the final measure of civilization. All its other acquisitions, wealth, power, the mastery of nature, social institutions, religious beliefs, even intelligence itself, are in the long run of concern only as they enable men to live beautifully and to give expression to their life in works instinct with the beauty that is in their souls."

These words of Professor Norton fitly express the sentiment of the modern Athenian, to whom the love of the beautiful is the one ray of divine compassion cast in the mould of this extremely terrestrial clay. They represent the attitude of the educated world towards the fine arts and show at once the reason for and justification of the establishment of our department of architecture, not as a training school for architects but rather as starting the art impulses which make for a more perfect civilization.

The part the graduates of this University can take in making possible the extension of good taste, good architecture, and good art, can hardly be too strongly emphasized. Art impulses amount to but little except as the educated many of the country are willing to accept and be guided by them. The painter, the sculptor, the archi-

tect, no matter how thorough his training or how keen his aesthetic perception, is at best a leader only, while the steady progress comes with the onward movement of the ranks. It is almost impossible for an individual artist to advance very far beyond his generations. Once in a long cycle there arises a Phidias, a Mozart, or a Michael Angelo, but such are the phenomena of art. The art sense of a people is not gauged by the painters with their wealth of glowing canvas, their possibilities of decorative color, their imaginative presentment of twice told tales, nor by the sculptors who are able to bring the cold beauty from the rock, to conventionalize the grace of thought and to crystalize in a single utterance the aspirations of a life time; nor by the architects, the chosen servants of the mother art, the moulders of public thought, the artists who come most in touch with the world; but quite as much, nay, even more, by the educated multitude of the people, who alone can truly fix the nation's art. It is not the great architects who make peoples architecturally great, but it is appreciative people who make great architects possible. The cleverest artist or designer in the world, if transported to the wilds of Kamtchatka, would find it impossible to create; he would die of artistic strangulation. It is where the community is most receptive that the greatest works are done, and it therefore behooves us all to acquire a taste for the arts, to achieve it not that we may practice merely, not that we may be able to buy the art products, nor merely that we may gratify our personal inclinations and spend pleasant hours admiring the exhibited works of art, but in order that art may enter into our fibre; thence to reflect upon the art sense of the broad community of which we are a part. As we think, so we are. We, as university graduates, can individually mould to a very considerable extent the art tendencies of our neighbors, if we will but try. We can help little by little to a realization of the importance of good art and good architecture as factors in our civilization; and especially as graduates of a University which has done so much to foster good architecture, our attitude should be clearly understood and unhesitatingly expressed.

But any ideal however high or noble, however vital to the national or civic well being or development, arouses little effective enthusiasm unless it carries with it a strong element of personal, tangible profit and advantage. We glory in the nation's progress, but we want our individual gratification. The race is selfish even

in its ideals. But measured even by selfish standards art is well worth while. My experience tells me that, aside from matters of the affections, personal relations of those we love and who love us, there is nothing which will so conduce to happiness as the study of the fine arts and nothing which will so broaden our scope and fill our minds with pleasant memories as the intelligent appreciation, first of architecture, and then of the various manifestations of the fine arts. A talent for an art is rare; but it is given to everyone to cultivate a taste for art, and in proportion as we cultivate the artistic possibilities in us so will our lives be happier, and fuller, and richer. This is fact, not mere fancy,—a condition rather than a theory,—and as truly as our deeds determine us rather than we determine our deeds, so does aesthetic cultivation, the love of the beautiful, the development of good taste, bring to the possessor a joy of life beyond mere material acquisitions. Taste and discernment in art imply possession of a quality which is a good deal like electricity, extremely difficult rightly to define. We can measure it, we can weigh its effects, and witness its work, but we cannot always say how it comes or where it goes or to what it distinctly owes its chief influence. We do know, however, that good taste as a factor of life makes us happier and richer in the things which go to make up the sum of our daily experiences.

This brings us to the very interesting question of the relations between morals and art. Those of you who are familiar with the artistic life of the French capital will recall the personal excesses and the lowering of individual moral tone which seems to be inseparable from the education of the average Paris atelier. You will doubtless recall many instances nearer home where the artistic temperament has been permitted to explain, if not excuse, a multitude of sins. In a national sense it can be said with perfect truth that the development of art and the decay of civilization was to a very considerable extent coeval in Greece and in Rome. Is, then, the art of to-day due to decay? Is the spirit of the modern Athenian a menace to the integrity of our modern life? In seeking for the happiness of pure art are we plucking at apples of Sodom which will turn to ashes in our grasp? To answer these questions one must look further than the mere correlation of decaying civilization and culminating art, one must study deeper into real causes than would be implied by an association of personal immorality with

brilliant achievements. Art languishes without the solid backing of material prosperity; but to argue that a high artistic development implies a loose hold on individual morals is no more fair than to assume that fine raiment is a mark of a diseased mind, or a well built house an index of total depravity, Art is often an appanage of great wealth; but because great wealth affords opportunities which lead to moral disintegration, it does not follow that the art has a part in the process of decay. Art has been from the beginning of time the handmaiden of progress, always just a little ahead of the procession, showing failures as well as successes, and leading upward even when human frailty was unable rightly to follow. The art of the Greeks was a wonderful creation which at its best was true and pure. The Greeks themselves deteriorated, but the loss in civic manhood and individual morals was due to their partially imperfect civilization rather than their perfect art. The widespread degradation of the Renaissance is ascribable entirely to political and social incapacity. The personal growth had lagged behind the artistic development, and while art had reached a high degree of excellence, the morals of the people remained encumbered by the debris of medievalism and monastic rule. In the same way to-day we do not, upon close investigation, find that sin, immorality, and social loss, result from art, though many artists fail in these respects. On the other hand we find many instances of men who have been lifted by the practice of their professions, who have been given large opportunities which they were quick to seize, and who have shown the civilizing, humanizing effects of the study of art in all their lives.

Art, still, is a little ahead of the procession. Her joys are a reward for the earnest seeker of happiness. She is the crown of our civilization. Now we will admit, for the sake of argument, that the study of art is ennobling, that it does conduce to the highest happiness which material studies can give, that the path of art leads to the true development of the nation and of the individual. I will ask you also to admit, for the argument, that architecture offers the best chances for general culture and is the manifestation of art which will most repay study, for the reason that, being the mother art, it embraces within itself all forms of good taste. As the art which most closely touches every grade of society it offers the largest possibilities for enjoyment, and we cannot afford in this nineteenth century, to pretend ignorance of it, or to disregard all it sets before us. It is particularly the

duty of the university man, as I understand it, to cultivate an appreciation of good architecture, to study it as he would study good manners, to be ready always to recognize it, even though he may not feel real sure of his judgment, but in any case to put himself in the mental attitude where architecture, as the mother art, shall appeal to him as to an educated, trained mind. The question, then, naturally suggests itself, how are laymen to pursue and profit by this study?

The technicalities of every art are reserved for the practitioner. There are a thousand details of buildings which would interest, but which need not be appreciated by all, nor is it necessary in order to understand architecture in a popular sense and to grasp its meanings, that one should have had a technical training. Its lessons are too manifest to escape even casual notice. Its history, the records of its past greatness, can be learned in books and made familiar by travel abroad. In a wider sense it is all about us and we cannot help imbibing a certain share of it, and I need not instruct you therein. So I will offer you only a few general suggestions as to how the lessons of architecture can be assimilated by the intelligent observer.

First of all, and understand I am speaking purely in a popular and not in a technical sense, I would say that he who would enjoy architecture must be perfectly honest with himself, not admit that a building or a decoration is beautiful unless it appeals to him as such; nor, on the other hand, must he reject a feature or a conception because it is new to him or does not happen to accord with his past experience. This attitude of absolute impartiality, of willingness to be impressed, of desire to enjoy the purely beautiful, will, more than any other single quality, tend to give one a real love for art. Beauty is intrinsic. At the same time it is absolutely independent of canons or prejudice, and it is most truly beautiful when it appeals to the greatest number and variety of trained minds. There are plenty of good buildings in this world to admire, to draw lessons from, and to remember as sign posts of progress; and, therefore, by being perfectly honest with yourselves you will find no lack of good architecture, without needing to bother about the structures which seem doubtful, which are not quite understood, or whose beauty is due to adherence merely to preconceived formulae. Also, do not limit yourselves to admiring what happens to come in your way, rather strive to seek out the good, to study it for yourself. Endeavor to see what other people think is good and beautiful, and then in all honesty and candor weigh their

judgments in the light of your own experience and your own feelings. Consider the art and architecture of the whole country as yours, as something which you personally are under moral obligations to cherish and to admire, and whether the good work comes from San Francisco or Boston, see if its lessons cannot appeal to you and give you something to remember with pleasure as a happy note in your lives.

Then, again, remember that the producer, the artist, the one whose brain is called upon to conceive, is dependent upon your sympathy, your appreciation, and your expressed and acknowledged love of his creations. I well remember a little episode which occurred in Champaign during my school days and which has remained with me as an object lesson. Mrs. Scott Siddons gave a reading in one of the halls in town. She was thoroughly artistic in her manner and presented most excellent selections, which were undoubtedly greatly admired by the audience but which called forth only faint applause. At last, after a particularly fervid burst of eloquence which resulted in only a feeble expression of approval, she stepped to the foot-lights and made a little speech in which she stated that she imagined the good people of Champaign did not appreciate how essential to an artist is public applause, how without it one is choked in an atmosphere of doubt, and that in order to do the best work, really to satisfy one's self no less than one's auditors, the tangible evidence of approval is quite necessary. Needless to say, Mrs. Siddons was vociferously applauded during the rest of the entertainment. Apply the moral of this tale to your treatment of artists. We cannot work without your commendation. Nay, more, we cannot even think artistically unless we have the consciousness that we are reflecting in a measure your thoughts, that we are placing before you ideas which commend themselves to you, nor unless we know that our efforts are meeting with public approval. It is your place to supply the applause, to seek out the successful artist, to tell him how his work strikes you, how you feel towards him and his possibilities, not dwelling on the dark side nor picturing his failures, not to find fault where perhaps he most of all appreciates his shortcomings, not to tell him how much better someone else did or how much better he ought to have done, but to give him the mental clap on the shoulder which means so much to the conscientious creator; and, to emphasize his triumphs, tell

him what work of his appealed to you as good, what you liked about it, and wherein he had deserved his rewards. Make it your rule to go the round among your artist friends, and tell them this. Encourage them in their successes, even judiciously condole with them perhaps at times in their failures, and little by little you will find that you have a sympathy with art, that its meanings will not be blind at all, that you will see what sometimes an artist may be struggling for and will so sympathize with his efforts that the art which he is trying to bring into this world will come into your life and give you a joy in sharing which very often the possessor, so keenly alive to his own shortcomings, might sigh for in vain.

I would not go so far as to say that if you think art you will be artistic, because after all the analysis which we can make, after all the most careful study of museums and books and most thorough investigations of buildings, monuments, and paintings, there remains the personal equation without which a genuine appreciation of art is impossible. And yet the most hopeless materialist can be brightened by and find enjoyment in art. It may not be the fullest enjoyment, it may not appeal to his mind with the overwhelming sense of the beautiful which at times comes to some kindred souls in the presence of a great art work, but even in its least manifestations it can make life brighter and happier.

And, now, finally, in what I have presented to you I would not be understood as speaking merely as an architect, but rather as a fellow graduate who has appreciated the desire of the world for beauty, and who knows, as you all may know, the real rewards of the cultivation of the beautiful. And while architecture represents to my mind the highest, most comprehensive form of art, I would not restrict this love of beauty merely to the material productions of the architect, nor yet even to those of the painter, nor of the sculptor. All nature may be but art unknown to us; and whether it be the beauty of Shakespeare's sonnets, the glory of the western sky, the nobility of a brave deed and an heroic life, the splendor of self-sacrifice, the pulsating canvas of a Titian, the uplifting grandeur of a Venus de Milo, or the magnificence of a great building, it can all appeal to us. We need not always try to separate the impressions, for they are at times one and form a part of the aesthetic possibilities which are within our reach. It is the broad art sense we must cultivate to bring us into harmony with the world's best

progress, and remembering that success and happiness are measured far more by what we are than by what we do, it is not therefore a question of whether we thoroughly understand the details of art production so much as whether we are in tune with our best surroundings, whether we feel in sympathy with the finer influences we meet, whether we really strive to enjoy and cultivate the grace and the happiness made possible by the artistic sense with which this world glorifies our daily life. We would not all be architects, but we can all enjoy art. We may not all fully realize the tangible manifestations of art, but we can all make the feeling for art a part of our life.

BUSINESS MEETING

Shortly after the conclusion of Mr. Blackall's address, President Butler ('79) called the Alumni to order. Mr. W. A. Heath ('83) was made secretary *pro tem*.

The Alumni meetings were quite largely attended this year. There were present representatives of all the classes except that of 1876.

S. W. Parr ('84), F. D. Rugg ('82), and Avis E. Smith ('77), were appointed committee on nominations.

Remarks were made by Manford Savage ('78), President Butler, and others.

The nominating committee reported, recommending for president, H. W. Mahan ('76), and for vice-president, Henry Mackay ('76). These were elected.

For executive committee, W. A. Heath ('83), A. N. Talbot ('81), F. H. Lloyd ('78), Nettie D. Kimberlin ('79), and Mrs. V. M. Hostetter ('80).

A vote of thanks was given to Mr. Pillsbury, Secretary.

The Executive Committee reported a new constitution as follows:

NEW CONSTITUTION

NAME

This Association shall be known as the Alumni Association of the University of Illinois and its membership shall consist of those who have graduated from the Illinois Industrial University, or who have graduated or may graduate with the bachelor's degree or its equivalent from any of the undergraduate courses of the University of Illinois, including the College of Law and the Library School.

OFFICERS AND MEETING

The officers of this Association shall be a president and vice-president who shall be elected annually at the June meeting of the Association, (the annual meeting of the association shall be held on Tuesday of commencement week at the University); a secretary who shall be registrar of the University, and an executive committee

of five, three of whom shall be residents of Champaign County, two to be elected for one year, two for two years, and one for three years.

DUTIES OF OFFICERS

The duties of these officers shall be such as usually pertain to such places.

ANNUAL ADDRESS

A member of this Association shall be chosen annually by the executive committee to deliver an address before the Association on Alumni Day of commencement week.

It was voted to request the Trustees of the University to appropriate sufficient funds for the publication of the proceedings of the Alumni Association, including Mr. Blackall's address.

The thanks of the Association were given to Mr. Blackall for his excellent address.

The Secretary made the following report:—

VITAL STATISTICS

Deaths—

- 1872. Stephen Avery Reynolds, died at Elgin, Aug. 13, 1899.
- 1875. Ernest Eaton, died at Downs, Okla., April 20, 1900.
- 1878. William Dole Rudy, died at Washington, D. C., July 16, 1899.
- 1880. Edgar Eugene Harden, died at Liberty, Neb., June 2, 1899.
- 1881. Mrs. J. G. Wadsworth (Kittie Marie Baker), died at Council Bluffs, Ia., Nov. 25, 1899.
- 1885. Mrs. Henry Hugh Barber (Minnie Sunderland Wright), died at Savanna, April 18, 1900.
- 1886. Zech Lincoln Whitmire, died at Urbana, Dec. 3, 1899.
- 1893. Adolph Bertinus Peterson, died at Chicago, Nov. 23, 1899.
- 1894. Mrs. William D. Gibbs, (Ola C Woolsey), died at Columbus, Ohio, June 12, 1899.
- 1889. Caroline Lentz, died at Arcola, Sept., 9, 1899.

Children of Alumni in the University—

- 1872. Son and daughter of Isaac S. Raymond; daughter of Professor Ricker and Mrs. Ricker ('75); three daughters of Professor Rolfe.
- 1873. Son of Andrew T. Morrow.
- 1874. Son of Professor Baker.
- 1875. Son of Clarence O. Scudder; son and daughter of George R. Shawhan.
- 1876. Daughter of Ralph Allen; daughter of Henry W. Mahan.
- 1877. Two daughters of Hiram Gilkerson; son of Robert F. Whitham.

Marriages—

- 1873. Frederic Lewis Hatch and Mrs. May Alderson (née DeCell), February 23, 1900.

- 1885. Simeon Colton Colton and Caroline Belle Whitcomb, Dec. 26, 1899.
- 1890. Christopher Henry Snyder and Harriet Runyan, Oct. 14, 1899.
James McLaren White and Edith Adelaide Shattuck, June 15, 1899.
- 1891. Dick Hubert Chester and Lucille A. Bischoff, April 18, 1900,
- 1892. John Waterbury Crissy and Grace Colhour, Oct. 10, 1900.
- 1893. Sophie May Peterson and John Louis Parr ('97), Sept. 20, 1899.
John Truesdale Stewart and Belle Wilson, Jan. 1, 1900.
- 1894. George Frederickson and Mary Lavinia Brownlee, Dec. 17, 1899.
Daniel C. Morrissey and Vivian Monier, Aug. 2, 1899.
Robert Alvin Wood and Maud J. Stevens, Feb. 20, 1900.
- 1895. Harry William Baum and Daisy Garver, ('99), March 20, 1900.
John Conrad Quade and Florence A. Northrop, Jan. 10, 1900.
Godfrey Sperling and Ida Mabel Bailey, Dec. 6, 1898.
William Kriebel Yeakel and Jessie Robinson, Dec. 20, 1899.
- 1896. Nellie Besore and W. E. Sears, June 29, 1899.
Warren Edward Durstine and Althea S Mather ('96), Feb. 10, 1900.
Homer Roberts Linn and Luella Eugenia Buck ('97), Oct. 16, 1899.
- 1897. Alvin Casey Beal and Ervilla Belle LeFevre, Dec. 31, 1899.
George J Jobst and Laura Nelson, April 18, 1900.
Hubert Vinton Carpenter and Maggie Edith Staley ('99), June 19, 1899.
- 1898. Clark Godfrey Anderson and Emily Stromberg, Oct. 5, 1899.
D Edythe Beasley and Loma W. Gobin, Aug. 2, 1899.
Lyle Ireneus Brower and Julia Eustis, Oct. 16, 1899.
Arthur Edwin Fullenwider and Grace Stewart, Jan. 1, 1900.
Minnie Barney Woodworth and John Hayes Young ('99), Dec. 28, 1899.
Herman Louis Wuerffel and Charlotte Eisfeld, Jan., 1900.

THE BANQUET

After the business meeting in physics lecture room, alumni and friends gathered in the physics laboratory on the first floor above for the annual alumni dinner.

This year, as heretofore, the affair has been put in charge of a committee of local alumni, and both catering and general arrangements were conducted by members of the Aassociation. The immediate dinner arrangements were in charge of a committee, of which Professor C. D. McLane, '92, was chairman. The ordinary equipment of the laboratory had been removed, and the room temporarily fitted up for gastronomic tests on a large scale. All available space was occupied by long, narrow tables, on which were laid covers for about 300 persons. Large placards indicated the sections reserved for each class. Twenty-five young ladies, recent

acquisitions to the alumni ranks, served the tables. The menu was as follows:

	Chicken croquettes.	
Veal loaf.		Potato chips.
	Gherkins.	
	Bread and butter.	
Tomato Salad.		Wafers.
Ice cream.	Maccaroons.	Lady fingers.
Lemonade.		Coffee.

After careful attention to the menu, President Butler introduced as the toastmaster of the day Mr. F. G. Carnahan, '92. Those who were familiar with Mr. Carnahan's sparkling and effervescent style of oratory knew what to expect on this occasion, and they were not disappointed. His introduction was somewhat lengthy, but there were no signs of drought from beginning to end.

The first speaker was Mrs. N. C. Ricker, representing '75, the class of honor for this year. The class yell which followed the announcement of the toast lacked something of the snap and ginger which the younger rooters put into these vocal efforts, but it showed nevertheless that class spirit had not become wholly atrophied in twenty-five years, and the audience was distinctly impressed.

Hon. Alfred Bayliss, state superintendent of public instruction, spoke on behalf of the trustees. Mr. E. W. Ponzer, of the graduating class, was assigned the toast, "Babes in the Woods."

President Draper responded to "Our Base-ball Team." This was a theme to inspire, and the President had no difficulty in bringing the audience to a high pitch of enthusiasm on the subject of our base-ball pre-eminence, as well as that of the success of University people in general. Mr. N. B. Coffman, '78, and Prof. Pickard, formerly of the chair of English, who was present as a visitor, gave a most interesting reminiscent talk of the days ago. Prof. S. W. Parr, '84, in responding to "The Ladies," and Prof. T. A. Clark, '90, in handling the subject of "Golf," illustrated how easy it is for the right kind of person to talk pleasingly on subjects which he knows nothing about.

The program was delightfully varied with selections by the University Quartet.

[I am indebted to Professor Piatt, '92, for the report of the Banquet.—W. L. P.]

UNIVERSITY OF ILLINOIS

TWENTY-NINTH

ANNUAL COMMENCEMENT

AT THE ARMORY

WEDNESDAY, JUNE 13, 1900

TEN O'CLOCK A. M.

PROGRAM

March—National Guard, - - - - - *DeKoven*

MILITARY BAND

Devotional Exercises, - - - - - Rev. W. H. Wilder, D. D.

Overture—Oberon, - - - - - *Weber*

MILITARY BAND

Address, - - - - -

Hon. Bird S. Coler

Comptroller of the City of New York

Creation's Hymn, - - - - - *Beethoven*

MILITARY BAND

Conferring Degrees.

March from Tannhäuser, - - - - - *Wagner*

MILITARY BAND

GRADUATES AND THESES

COLLEGE OF LITERATURE AND ARTS

For the Degree of Bachelor of Arts

In Specialized Courses--Theses Required

- EDITH PAGE BENNETT.....Notes and Vocabulary to Lucian's Charon
ROBERT OSCAR BUSEY....A Special Vocabulary of the First Thousand Lines
of Schiller's Jungfrau von Orleans.
LYDIA MARIA MATHER.....Jupiter and Fate as Portrayed in the Aeneid
WILLIAM GAY PALMER.....A Discussion of the First Year Latin Books
SETH FIELDS VAN PATTEN.....The Political Position of Stephen A. Douglas
in 1860 and 1861.

In General Courses

- | | |
|----------------------------|-------------------------------|
| HARRIET ELIZABETH ASHLEY | CLARENCE WILBERT HUGHES |
| JESSIE JANE BULLOCK | GEORGE THOMAS JORDAN |
| JOHN KENYON BUSH | JAMES PIATT KRATZ |
| BRUCE ALEXANDER CAMPBELL | NELLIE LOUISE MCWILLIAMS |
| CLYDE CAPRON | FRED EARLE NEWTON |
| GEORGE ALEXANDER DARMER | CORNELIUS JAMES PEEPLES |
| FRANK D FRANCIS | ARTHUR CLIFFORD QUISENBERRY |
| HUGH JOSEPH GRAHAM | NEAL DANIEL REARDON |
| ELIZABETH T HALL | EDNA ALMIRA RUGG |
| JOHN CALVIN HALL | A. B., (Portland Univ.), 1898 |
| JOHN EDWARD HANNAN | CHARLES A RYBURN |
| OLIVER ALBERT HARKER, JR. | BENJAMIN HARRISON SCUDDER |
| NANCY EMMA HARTRICK | WILLIAM WALTER SMITH |
| DAVID HASSLETON HARTS, JR. | GEORGE HENRY THOMPSON |
| ZELLA BERNICE HAYES | HARVEY EDGERTON WOOD |
| THOMAS MOULTON HEADEN | WILLIAM FRANCIS WOODS |

COLLEGE OF ENGINEERING

For the Degree of Bachelor of Science

In Architecture

- WILLIAM JAY BROWN.....A Country Club
WALTER SAMUEL CHURCH.....A Department Store
WILLIAM GRANT FOSTER.....An Industrial Boarding School
EDWARD GEORGE HINES.....A Protestant Church
GEORGE FRANK KEPLER.....An Athletic Club House
RAYMOND CRAVER RICKER.....Fifty Artisans' Homes
HARRY ROBERTS TEMPLE.....A City Hall
RAYMOND SLY WILEY.....A Chamber of Commerce

In Architectural Engineering

ROBERT GRANT HOLABIRD.....Weight of Steel Roof Trusses

In Civil Engineering

JOSEPH MARIA ALARCO.....Holding Power of Anchor Bolts
JEROME GUSTAV APPELQUIST.....Flow of Water in Channels in Earth
CLARENCE LeROY EDDY...Discussion and Experiments on Train Resistance
WILLIAM ALBERT HAWLEY.....Transverse Strength of Concrete
BENJAMIN FRANKLIN KRAHL.....Compressive Strength of Concrete
ALFRED LEONARD KUEHN..Discussion and Experiments on Train Resistance
HOWARD VANREED MAURY.....Effect of Frost on the Strength of Cement Mortar.
ROY HARLEY SLOCUM.....Flow of Water in Channels in Earth
BENJAMIN BENTON STAKEMILLER — Determination of the Most Economic Concrete.
OTTO CHARLES WEHRSTEDT.....Voids in Sand and Broken Stone

In Electrical Engineering

BERTRAND BUHRE ABRY.....Design of 40 K. W. Induction Generator
ELMER BURROUGHS..Life and Efficiency Tests of 220 Volt Incandescent Lamps
ROBERT GRAYA Study of the Transformer Magnetic Circuit
ROBERT GERALD PETTINGER....Test of a $7\frac{1}{2}$ K. W. Synchronous Converter
GUY RICHARDSON RADLEY..The Design, Construction, and Test of a Rectifier
FRED WILLIAM REIMERS.....Test of a $7\frac{1}{2}$ K. W. Synchronous Converter
WALTER SIMEON TYLER.....Test of a $7\frac{1}{2}$ K. W. Synchronous Converter
GEORGE THOMAS HENRY WRAY — A Study of the Transformer Magnetic Circuit.

In Mechanical Engineering

STANISLAW DOWIATT.....Experiments with Compressed Air
CHARLES SUNDERLAND JOHNSON.....Centrifugal Fans and Rotary Blowers
HENRY EZRA KEENEY.....Steam Consumption of Pumping Machinery
JULIAN LISIECKI LEE.....Tests of Three Types of Automatic Stokers
EDWIN LYMAN MAYALL—Review of the Water Supply for Locomotives on the P. & E. Division of the C. C. C. & St. L. Railway.
EARLE ROYAL POLLARD.....Dynamometer Car Tests of 1900
GEORGE RUSSELL SMITH....The Use of Compressed Air for Pumping Water
HARVEY ALLEN SOVERHILL..A Series of Tests with Gas and Gasoline Engines
FRANK ASBURY STROUT.....Flow of Steam through Rectangular Ports
JOHN CHARLES THORPE.....Dynamometer Car Tests of 1900

In Municipal and Sanitary Engineering

THEODORE CLIFFORD PHILLIPS—Comparison of Methods of Sewage Purification.
EDWARD JOHN SCHNEIDER....Comparison of Methods of Sewage Purification

COLLEGE OF SCIENCE

For the Degree of Bachelor of Science

In Specialized Courses--Theses Required

In Chemistry

HARRY HASSON—The Use of Manganese Salts in the Separation and Determination of Phosphoric Acid.

ARTHUR RUSSELL JOHNSTON—A New Volumetric Method for the Determination of Copper.

CHARLES LOUIS LOGUE....On the Estimation of Dissolved Oxygen in Water

STILLWELL FREDERICK MERRILL.....Water Extract of Coffee

E WARD BRIGHAM SAFFORD — Losses of Nutrients Involved in Cooking Potatoes.

In Mathematics and Physics

ERNEST WILLIAM PONZER.....The Riemann's Surfaces of the Modular Functions: $u^4 - v^4 + 2uv(1 - u^2v^2) = 0$, and $u^6 - v^6 + 5u^2v^2(u^2 - v^2) + 4uv(1 - u^4v^4) = 0$.

In Natural Science

GEORGE GIBBS, JR..Notes upon Trees and Shrubs Adapted to Central Illinois

MARIE L WALDO.....Protozoa of Salt Fork and its Tributaries

In General Courses

In Natural Science

BURTON ROBISON CORBUS, M.D.

JOHN WILLIAM FISHER

HARRY BERT FOX

HARRY EBEN FREEMAN

RACHELLE MARGARET HANSON

ASA BAIRD KIRKPATRICK

JENNIE MARY LATZER

JOHN OSCAR LAUGMAN

MARION MICHAEL NULL

WILLIAM HOOVER OWENS

CHESSLEY JUSTIN POSEY

WILLIAM EMILIUS PRAEGER

CARL JOHN FREDERICK ROCHOW

MARTHA DEETTE ROLFE

CLIFFORD WILLIS

In Philosophy

EUGENE IRVING BURKE

COLLEGE OF AGRICULTURE

For the Degree of Bachelor of Science

ERNEST THOMPSON ROBBINS—Silage and Highly Nitrogenous Feed in Rations with Corn for Steers.

LLOYD SILAS ROBERTSON—Silage and Highly Nitrogenous Feed in Rations with Corn for Steers.

SCHOOL OF LIBRARY SCIENCE

For the Degree of Bachelor of Library Science

- SARAH AMBLER, M.S., (Iowa Wesleyan Univ.), 1885 -- Public Documents: Their Care and Use in Iowa Libraries of 5,000 to 20,000 Volumes.
- FLORENCE MARIA BECK.....Library Science in Normal Schools
- ELIZABETH BRANCH.....Subject Index to Illinois School Reports, 1872-1884
- LINDA MARIE CLATWORTHY—Subject Index to Illinois School Reports, 1857-1872.
- PAULINE GUNTORP, B.L., (Univ. of Wis.), 1898—Study of American History through a Selected and Annotated List of Historical Novels from 1492-1898 (Prepared under the direction of Mr. John Thomson of the Philadelphia Free Library).
- GEORGETTA HAVEN.....Library Schools and Training Classes
- IDA LOUISE JACKMAN—Bibliography of the Old Northwest, 1783-1861; Limited to Books of Travel, Guide-Books, Gazetteers, and General Description
- TORSTEIN JAHR, A.B., (Norwegian Lutheran College, Ia.), 1896—International Bibliography, Coöperative Cataloging and Printed Cards; a Bibliography, 1850-1898.
- OLIVE CLARICE LATHROP — History of the Development of Libraries in Michigan.
- ANNA MAY PRICE — Library Legislation in Nebraska, its Past, with Suggestions for the Future.
- HELEN LOUISE PRICE.....History and Condition of Libraries in Kentucky
- ADELE COOPER REED.....Traveling Libraries in Illinois
- DELIA CLEORA SANFORD.....Libraries in High Schools in Wisconsin
- IDA ESTELLE SAWYER, Ph.B., (Northwestern Univ.), 1896—Printed Catalog Cards and Their Value.
- MINNIE EARL SEARS, M.S., (Purdue Univ.), 1894 — School Libraries in Indiana.
- BLANCHE SEELY, B.L., (Univ. of Minn.), 1896 — High School Libraries in Minnesota.
- GERTRUDE SHAWHAN, B.L., 1894 — School Libraries in Illinois and a Proposed Law for Their Improvement.
- MABEL CLAIRE SHRUM—Reading List on Colorado Springs and Manitou, Colorado.
- ADAM JULIUS STROHM—International Bibliography, Coöperative Cataloging, and Printed Cards; a Bibliography, 1850-1898.
- CAROLINE WANDELL — Selection of 500 Books for Young People, with Annotations and Prices.
- WILLARD OTIS WATERS, A.B., (Benzonia Coll.), 1896—History and Statistics of Libraries in Illinois.
- MAYBELLE GAY WEST, B.L., (Knox Coll.), 1894 — Pictures as a Means of Arousing Interest in Libraries.
- LUCY BERTHA ELY WILLCOX—History and Description of Theological Seminary Libraries of Chicago and Vicinity.

COLLEGE OF LAW

For the Degree of Bachelor of Laws

OTTO C ADAMS	FRED HUTCHINSON MAY
ZION FROST BAKER	ALBERT DANFORTH MULLIKEN
GEORGE FRANCIS BARRETT	SAMUEL OSTROWSKI
HOBART SHERMAN BOYD	CHARLES CHURCHILL PICKETT, A.B., (Rochester Univ.), 1883
FRED WORTH COOPER	EDWARD MELVIN RHODES
WILLIAM JOHN DOLAN	ARTHUR ROE
OLIVER KINSEY DONEY	ELBERT MALLARY ROWLAND
HORACE RAYMOND DOUGHERTY, A.B., (Univ. of Chicago), 1896	LOUIS BYRON SAFFER
WILLIAM JOHN FULTON, A.B., 1898	PETER PHILIP SCHAEFER
LESLIE LELAND GLENN	CHARLES WESLEY TOOKE, A.M., (Syracuse Univ.), 1893
OTIS FERGUSON GLENN	JOHN HOWARD TREVETT
HARRY ALTMAN GROSSBERG	CHESTER S VAN BRUNDT
MARGARET ADELE KETCHUM	ADOLPH HENRY WESEMANN

GRADUATE SCHOOL

For the Degree of Master of Arts

- MARGARET HENRIETTA JOHANNE LAMPE, A.B., 1897 -- Felix Dahm's "Ein Kampf um Rom."
- ARTHUR ELIJAH PAINE, A.B., 1899.....The Granger Movement in Illinois
- HADLY WINFIELD QUAINANCE, A.B., (Univ. of Kansas), 1896 — The Influence of Farm Machinery.
- MARION EMELINE SPARKS, A.B., 1895, B.L.S., 1899—The Forms of Address in the Athenian Orators.
- CHARLES JEFFERSON WAITS, A.B., (Indiana Univ.), 1894..Method in Number

For the Degree of Master of Letters

- GEORGE HENRY CAMPBELL, B.L., 1895—A Study of Some Types in Moliere and Terence.

For the Degree of Master of Architecture

- RALPH WILSON WEIRICK, B.S., 1899 — Researches in the Theory of Architectural Design.

For the Degree of Civil Engineer

- MILO SMITH KETCHUM, B.S., 1895.....Steel Structures for Mines
- RICHARD BIRD KETCHUM, B.S., 1896.....Design of a Drawbridge

For the Degree of Electrical Engineer

WILLIAM FREDERICK SCHULZ, Diploma in E.E., (Johns Hopkins Univ.), 1893—
Theoretical and Experimental Investigation of Induction Machines.

For the Degree of Mechanical Engineer

GEORGE ALFRED GOODENOUGH, B.S., (Mich. Agricultural Coll.), 1891—An
Investigation of the Stresses in Links with Elliptical and Oval Center-
Lines.

OSCAR ADOLPH LEUTWILER, B.S., 1899..... Lubricating Oils

For the Degree of Master of Science

FRITZ CONRAD KOCH, B.S., 1899—A Study of Illinois Coals with a New
Method for Determining Their Calorific Value.

JOHN ALBERT LATZER, B.S., 1899..... A Bacteriological Study of Milk

WILLIAM PRIESTLEY MCCARTNEY, B.S., 1893—The Utility of Certain Illinois
Strata for Paint Production.

EDWARD LAWRENCE MILNE, B.S., 1896..... The Irrational Number System

GRACE LILLIAN MOORE, B.S., 1895..... Leaves and Their Modified Forms

HORACE CHAMBERLAIN PORTER, A.B., 1897, B.S., 1899—A Chemical Study
of Meats, Their Digestibility, and the Losses and Changes Involved in
Cooking.

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Otto C AdamsCerro Gordo

Joseph Maria Alarco.....Valencia, Spain

Sarah Ambler, M.S.....Mt. Pleasant, Ia.

Jerome Gustav Appelquist.....Orion

Harriet Elizabeth Ashley.....Urbana

Zion Frost Baker.....Sullivan

George Francis Barrett Chicago

Florence Maria Beck.....Platteville, Wis.

Edith Page Bennett.....Mattoon

Hobart Sherman Boyd.....Lewistown

Elizabeth Branch.....Champaign

William Jay Brown.....Urbana

Jessie Jane Bullock.....El Paso

Eugene Irving Burke.....Champaign

Elmer Burroughs.....Savoy

Robert Oscar Busey.....Urbana

John Kenyon Bush.....Joliet

Bruce Alexander Campbell.. Albion

Clyde CapronMarion

Walter Samuel ChurchChicago

Linda Marie Clatworthy.....Evanston

Fred Worth Cooper.....Champaign

Burton Robison Corbus, M.D.....La Salle

George Alexander Darmer....Champaign

William John Dolan.....Ohio

Oliver Kinsey DoneyUrbana

Horace Raymond Dougherty, A.B., Peoria

Stanislaw Dowiat.....Chicago

Clarence LeRoy Eddy.....Weldon, Ia.

COLLEGE OF MEDICINE

For the Degree of Doctor of Medicine and Surgery

Archibald John Alcorn.
Elmer K. Avery.
Margaret McConnell Babcock.
Edmund J. Ball.
Edward Francis Besser.
John Rasmussen Birkelund.
Fred Curtis Blackwelder.
Max Emanuel Bloch.
Clyde Allison Boice.
Arthur Gustavus Bosler.
Arthur Bremken.
Hadley Cyprian Brown.
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Elwin Otis Church.
Marshall Grant Clancy.
Orson Whitney Clark.
Burton Robison Corbus.
John Francis Crowley.
John Thayer Culver, M.D.
Asa Nathan DeVault, Ph.G.
Charles Allen DeVoe.
Felix Albert Dolan.
Joseph Patrick Donovan.
Guy Grigsby Dowdall, B.L.
William Francis Dryden.
Ora Berton Dunham.
Robert Jones Dysart, A.B.
Calvin Sylvester Early, B.S., Ph.G.
Sara Thomas Elliott.
Nellie C. Flint, B.S., M.D.
George Albert Flippen.
John Peter Freeman.
Roe George Gale, M.D.
Edward Arthur Gansel.
Abel Benson George.
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Sara Elains Greenfield, A.B.
Wendell B. Grinnell.
Louis Joseph Halloin.
Howard Brownslee Hamilton, A.B.
Wilbur S. Hamilton, M.D.
Robert Roy Hampton.
Henry George Hart.
Clarence Wright Heath, B.L.
Robert Bruce Hixson.
Edward Percival Hummel.
Everett May Hurst.
Edward Everett Hyde, A.B.
Siegfried Jakubowski.
James Arthur Jennings, M.D.
Robert Moore Johnston, A.B.
Guy Henry Just.
Alonzo Blackburn Kirk.
Frederick Peter Knauf.
George John Laben, B.S.
Bernard Luehrsmann.
John William McConnell.
Olin McCormick.
Walter Robert McCray, Ph.G.
Ada Luella Malick.
Ernest Edward Martin.
Vandy Frank Masilko.
Harry Philson Mason.
John Joseph Meany.
John Earle Meloy.
Irwin Wagner Metz, A.B.
John Henry Meyhaus.
Bernard Miller.
Gustav August Miller.
William Denton Milroy, A.B.
Paul Stafford Mitchell, M.D.
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Gustav Herman Moldenhauer.
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Lewis Moody, A.B.
Mary Emma Morgan.
Carl George Muehlmann, Ph.G.
Frank Emil Nagel.
George Frederick Niblock, A.B.
Edwin Henry Newbold, M.D.
William Jacob Nier.
Soren Svalheim Norsman.
Francis Elbert North.
Charles Homer Newell, M.D.
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Vaclav Podstata, M.D.
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Harry Edward Purcell.
Arthur Jacob Richter.
Jesse Samuel Rinehart.
Henry Joseph Rock, B.S.
Felix Rose.
Chandler Preston Runyan.
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Franklin Wesley Sassamann, M.D.
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George Lucien Sears.
Louis Delos Sheppard.
Arthur William Sieker, A. B.
Seth Marian, Billings Smith.
Antone Augustus Sornsen, M.D.
Robert Thomas Spain, Ph.G.
Max Staehle.

Elmer Louis Syverson, B.L.
Roland Bert Taber, Ph.G.
Rudolph Freimuth Teschan.
James Raymond Thompson.
Samuel James Torney.
Henry Edward Twohig.
Earle Henry Tyson.
Henry Ansel Vincent.
Charles Bernard, Voigt.
Carl Voss, A.B.

Charles Delamere Wall.
John Weatherson, C.E.
Theodore Campbell West.
Joseph Emanuel Westerlund, A.B.
John West Wilson, M.D.
W. Weir Wood.
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John Henry Xelowski, Ph.G.
Julius Rudolph Yung.
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Dr. George F. Butler, Chicago.

HONORARY DEGREE.

Dr. Victor C. Vaughan, Ann Arbor, Mich.

Dr. Wm. E. Quine, Chicago.

Dr. John B. Murphy, Chicago.

Degrees conferred April 18, in Chicago.

SCHOOL OF PHARMACY

For the Degree of Graduate in Pharmacy

John William Alexander.
Almond Clifford Arnold.
Moses Barnett.
Rudolph Siegfried Boehm.
Walter Caron.
William Henry Daily.
Raymond August von Danden.
Leonard Watkins Davis.
T Guthred Drake.
Fred Henry Drallmeir.
Irving Lewis Emerson.
Arthur S. Gillette.
William Rice Graham.
Walter Holderread.
Gilbert Houseman.
Abraham Arthur Jackola.
Clarence Lorenzo James.
William Leonard Jansen.

John August Johnson.
George Arthur Kiedaisch.
Anton Kucera.
John Whitaker Lawrence.
Joseph Matthew Lestina.
George Henry Paul.
Fred Horace Priest.
William Ernest Rose.
Louis Schreiber.
Lee Kleinert Solomon.
Alfred Wenzel Stamm.
George Edward Steyer.
Charlotte Elizabeth Stimson.
Alfred Reuben Utt.
Philip Darius Vincent.
Alvernon Frank Warhanik.
Charles Jeremiah Webster.
Alfred Tennyson Weible.

Walter Henry Wellman.

Degrees conferred April 26, in Chicago.

UNIVERSITY OF ILLINOIS

DEGREES

1. IN THE COLLEGE OF LITERATURE AND ARTS the degree of Bachelor of Arts, A.B., in four year courses, as follows:

1. General courses, offering a wide range of electives and classified according to the principal line of work chosen.
2. Specialized courses, or courses under the group system, including (a) The Classical Group, (b) The English Group, (c) The German and Romanic Language Group, (d) The Latin and Modern Language Group, (e) The Philosophical Group, (f) The Political Science Group.

2. IN THE COLLEGE OF ENGINEERING the degree of Bachelor of Science, B.S., in four year courses, as follows: (1) In Architecture, (2) in Architectural Engineering, (3) in Civil Engineering, (4) in Electrical Engineering, (5) in Mechanical Engineering, (6) in Municipal and Sanitary Engineering, (7) in Railway Engineering.

3. IN THE COLLEGE OF SCIENCE the degree of Bachelor of Science, B.S., in four year courses, grouped as follows: (1) The Chemical and Physical Group, (2) the Mathematical Group, (3) the Natural Science Group, (4) the Philosophical Group.

4. IN THE COLLEGE OF AGRICULTURE the degree of Bachelor of Science, B.S., in four year courses, distributed in departments of—(1) Field Agriculture, (2) Animal Husbandry, (3) Veterinary Science, (4) Dairy Husbandry, (5) Horticulture.

5. IN THE COLLEGE OF MEDICINE College of Physicians and Surgeons, Chicago, the degree of Doctor of Medicine, M.D., in a four year course in medicine and surgery.

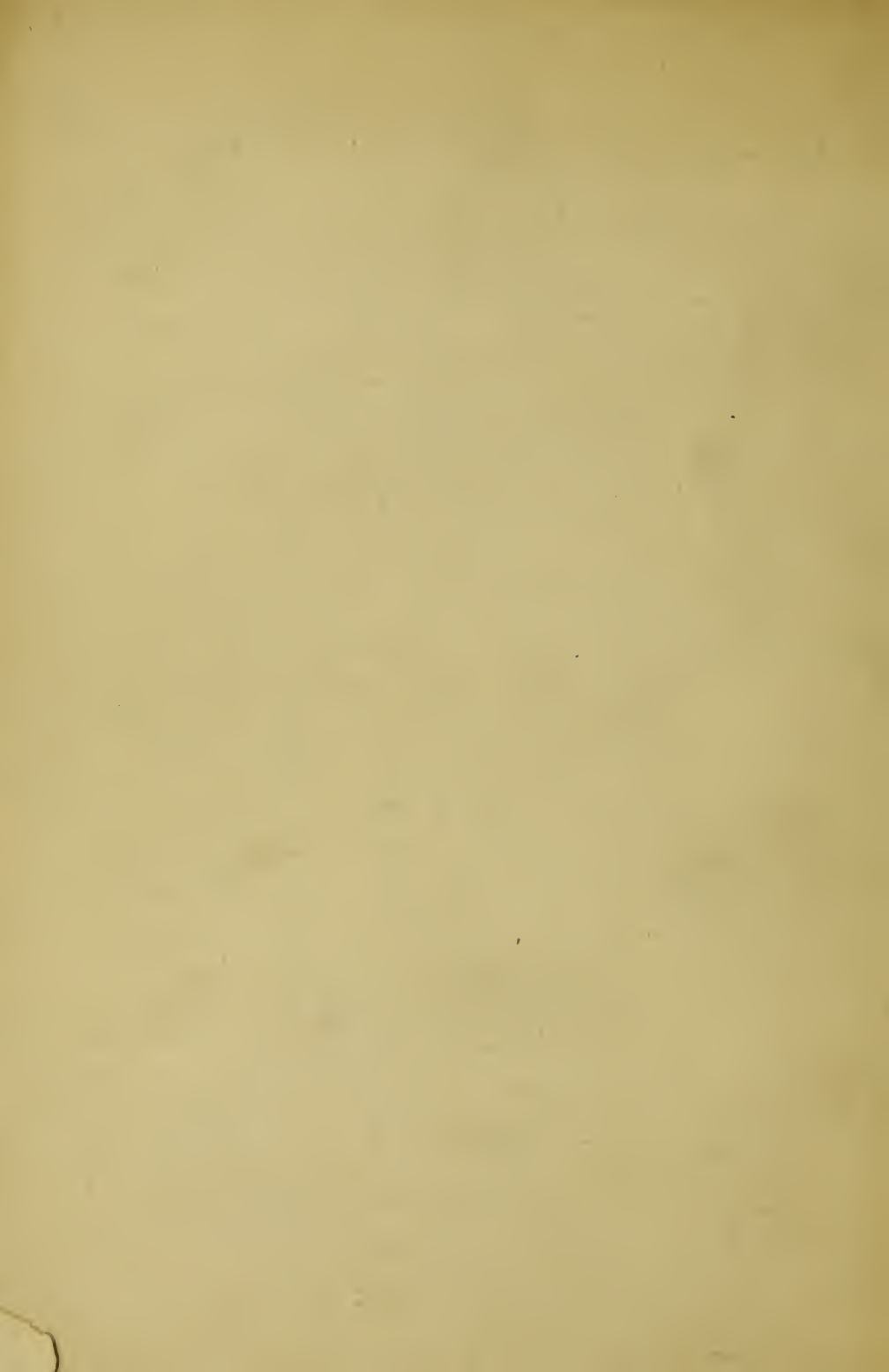
6. IN THE COLLEGE OF LAW the degree of Bachelor of Laws, LL.B., in a three year course in law.

7. IN THE SCHOOL OF LIBRARY SCIENCE the degree of Bachelor of Library Science, B.L.S., in a four year course.

8. IN THE SCHOOL OF MUSIC the degree of Bachelor of Music, B.M., in four year courses in vocal and instrumental music.

9. IN THE SCHOOL OF PHARMACY, Chicago College of Pharmacy, the degree of Graduate in Pharmacy, Ph.G., in a two year course, and that of Pharmaceutical Chemist, Ph.C., in a three year course in Pharmacy.

10. IN THE GRADUATE SCHOOL the Master's degree after the Bachelor's degree for one year of graduate work in arts, science, architecture; the degree of Civil Engineer, C. E., Electrical Engineer, E.E., and Mechanical Engineer, M.E., after that of B.S for one year of graduate work in the respective engineering courses; and the degree of Doctor of Philosophy, Ph.D., for three years of graduate work leading thereto.



I. L. G. T. M.
1901

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1931

ALUMNI ASSOCIATION

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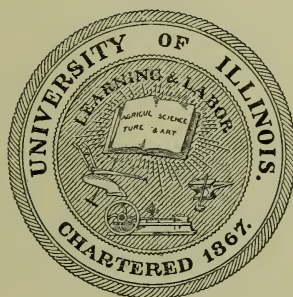
UNIVERSITY OF ILLINOIS



MEETING OF JUNE 11, 1901

PROCEEDINGS
AT THE MEETING OF THE
ALUMNI ASSOCIATION
OF THE
UNIVERSITY OF ILLINOIS

JUNE 11, 1901



ANNUAL ADDRESS BY
HON. JAMES R. MANN, M. L.

URBANA, ILLINOIS
PUBLISHED BY THE ASSOCIATION

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COMMENCEMENT PROGRAM

NOTICE—

I hope that without waiting for formal asking, I may receive early information of all matters concerning alumni which will be of interest to the Association, especially changes of residence and occupation.

W. L. PILLSBURY,
Secretary.

SOME ASPECTS OF NATIONAL GROWTH

Address of Congressman James R. Mann before Alumni of
University of Illinois, at Urbana, Commencement
Week, Tuesday, June 11, 1901.

Mr. Mann said in part:

In a few days we shall celebrate the anniversary, a century and a quarter after the birthday of the republic. The startling changes made in the agencies of mankind since that birthday make us wonder for the future. Our Nation consisted then of a fringe of small settlements along the Atlantic coast. Practically the western limit of our country's domain at that time was the Alleghany Mountains. The treaty with Great Britain soon extended that limit to the then far distant Mississippi River. In a few years more the western boundry was moved on to the Rocky Mountains; then again to the Pacific Ocean. Soon we reached north and west to Alaska and recently out into the Pacific to the Hawaiian Islands, and now across the Pacific to the Philippines. The movement of our people has kept pace with the movement of the boundry line. Prosperity and progress have kept pace with the movement of the people. With every extension of territory the hearts of the people have expanded for mightier deeds.

Life is a struggle for existence. The blade of grass in the field, the oak in the forest, have a continual struggle for existence. The life of man is not different. And a Nation, like an individual, is engaged in a continuous struggle for existence. It is this struggle which strengthens the plant, the animal, the man, the Nation, or the race. Without it comes the dwindling of growth, decay, and destruction. As we have expanded territorily, so we have expanded in the enjoyment of comforts, in the art of living, and in the well-being of society.

Since the Declaration of Independence, our territory has increased tenfold, but the change in the ordinary, every day condition of our citizens has been at a still greater ratio.

In the old days yellow fever, cholera, and smallpox swept the country at will, without interference, and with unnumbered victims.

What was the condition of our land during and for some time after the Revolutionary period? Nowhere was there a public library or reading room. There were no factories and there was no manufacturing. There was imprisonment for debt but not a decent prison. There was no penitentiary, though plenty of need. There was not even a segregation of sexes in prison. The tomato was still a love apple and believed to be poisonous. There was no ice trust and no ice company, and in the hot months, no ice. The only artificial light was that of a crude candle or a whale oil lamp. Our exports then were mostly fur skins obtained from the Indians in exchange for periwinkle shells or wampum.

In the few schools, which were kept open for two or three months in the winter season, the teachers boarded around and their principal intelligence consisted in knowledge of the use of the rod. There was no common unit of value and no common money. The hoe was then the supreme implement on the farm and in agriculture. There was no steel plow, no planting machine, no harvesting machine, no thresher; not even a horse rake. There were no lawn mowers and no steel pens. There were no washing machines, no sewing machines, and no wringers.

The first patent issued by the United States was in 1790 and was for an improvement in the household process of making pot and pearl ashes.

The cotton gin was unknown and cotton growing here had hardly commenced. Of course, there were no steamboats, no steam machinery, no railways, no telegraph or cable, no electric lights or electric machinery, no hydraulic engines, and in fact hardly a one of the artificial agencies used by us in ordinary daily life, in commerce, in manufacturing, in the production or use of articles of necessity, comfort, luxury, or business pursuits.

The change from the simple printed sheet containing no information, issued at intervals, and scarcely seen by the people, to the modern morning paper with the latest news from all the world is only typical of other changes which have been made.

The population of the entire country in 1776 was not so great as that of New York City now, nor was the white population then much greater than is now in Chicago.

In 1776 there was twenty eight post offices. In 1792 there were two hundred and sixty-four post offices and the total postal receipts were \$25,000. It took thirty hours to send letter mail from New York to Philadelphia or from Philadelphia to Baltimore. The postage for one sheet was six cents for less than 30 miles; it was ten cents between 60 and 100 miles; it was twenty-five cents for over 450 miles. Even at the beginning of the Civil War the total postage receipts were less than \$10,000,000 per annum. Now they are over \$100,000,000. The postal receipts in Chicago are today about as large as they were for the whole country in 1860; the receipts there for a single week are larger than they were for the whole country in 1800 for a year. The postal system is the best mirror of the activities of the people.

With every problem which has come with increased territory or with increased population, we have, up to the present time, added a step in the progress of civilization. Our modern civilization has added much to the luxuries of the rich, but it has added far more to the comforts of the poor. Our own civilization is now brought into striking contrast with that of the far East. There the people exist; here they live. Their life is a form of death; here it is pulsating activity. What we have today we do not owe wholly to ourselves. We have derived much in knowledge and in practical fact, but more in spirit, in will power, and in the love of liberty and enterprise, from our forefathers. We do not take to our country all of the credit for modern progress, but we can take our share, along with the other nations imbued with modern thought and enterprise.

Many of our people are afraid for the future. They serve a useful purpose. The pessimist has his proper place in society, and there has always been a due proportion of his kind.

We have lately assumed new national responsibilities. Since the Declaration of Independence our people have shown that they could establish a Republic; that they could administer properly a Republican form of government, and that they could maintain that government intact against dissension from within. It has been demonstrated that we could give good government to ourselves. Under the recent decision of the Supreme Court and the now established policy of our country, it remains for us to demonstrate that

we can give good government to those dependent upon us, either directly through agencies established by ourselves, or indirectly through agencies which we permit them to establish.

Out of this increased responsibility and power ought to come an enlargement of spirit and thought, a renewed determination to stand for right and freedom and an increase in mental activity which will produce an increase in comforts and luxuries and a decrease in hard labor and hard conditions of life.

Our national territory leaped from the Atlantic to the Pacific; now it has leaped across the Pacific; but the spirit of our people,—the enterprise of modern commerce,—will increase with the occasion and the next century and a quarter may produce even more startling changes than has the last.

A century is but a moment of time, is but a day in the life of our globe, is but a year in the history of humanity.

The year which we call the nineteenth century has given more to the world than all the ones which preceeded it. But the present century will be still greater. We have not yet reached the crest of the wave. The movement today is at a rapid pace. Let those who fear or falter step out of the marching ranks and content themselves with scolding and jeering as the great procession of busy, earnest, strong workers moves on.

The world is not so large now as it was a hundred years ago. You can talk around it now in a few hours. The Atlantic Ocean is not so great now as the Mediterranean Sea was then. Before the end of the twentieth century we shall have made a mill pond of the Pacific Ocean. We shall not fail in our new responsibilities because we are determined to do right and not to fail.

BUSINESS MEETING

The alumni meeting was called to order by President Mahan at 10:30 o'clock, Tuesday morning, June 11, 1901, in the Physics lecture room. The address was given by Mr. James R. Mann of the class of 1876. In the absence of the Secretary, Mr. A. W. Palmer was made Secretary *pro tem*.

At the business meeting which succeeded, Mr. J. C. Llewellyn, of the class of '77, was chosen president, and Mrs. V. L. Ward, of the class of '77, was elected vice-president. On motion, the class of 1901 was voted into the Alumni Association. The Trustees were invited to dinner. The Secretary, Mr. Pillsbury, presented a report of the statistics, as follows:

Since we last met I have sent you the report of our meeting June 12, 1900, and the catalogue of 1900-1901.

To-day I hand you the Alumni Register, dated April 25, 1901, which contains the names the 1,450 who have been graduated here at Urbana. Adding the names of the 173 upon whom the Board of Trustees has authorized conferring degrees to-morrow, the number is increased to 1,523. Of the 1,450 graduated before this year, 81 have died—one or more from each class, except from the classes of 1895 and 1900. With respect to two, Leflar of '75 and Babcock of '81, I have not been able to learn whether they are living or dead.

Perhaps it will interest you to note the increase in the number graduated here at Urbana in the four years including the present year. The numbers are—1898, 89; 1899, 110; 1900, 153; 1901, 173. The class of 1891 has a special gathering this year. It had 49 members; the present class has three and one-half times as many.

The School of Pharmacy has graduated 206 persons since it became a part of the University, and the College of Medicine, in the four years since its affiliation with the University, has graduated 525.

I think we do well to rejoice in this growth. It is not mere bigness to which your attention is called, for the increase in the corps of teachers, the courses of instruction and the facilities therefor, and in the resources, swelled by generous state appropriations, has kept full pace with the advance in the number of students.

VITAL STATISTICS

Marriages—

1883. Lizzie Annette Knowlton and E. H. Cushman, September 13, 1900.
 1886. S. Foster Bullard and Clara Heilig, December 12, 1900.
 1890. Jessie Ellers and L. O. Tackett, November 22, 1900.
 1891. Fred Woodruff Clark and Mrs. Olive Davenport, February 15, 1901.
 1901. Thomas James Howarth and Grace Briggs, October 24, 1900.
 1894. Levi Patten Atwood and Blanche Booker, August 15, 1898.
 Oskar Augustus Johannsen and Harriette Fuller, September 23, 1896.
 Louise Elizabeth McCaskrin and John D. Stayton, January 30, 1901.
 1895. Amelia Darling Alpinier and Alfred Stern, April 30, 1901.
 Hortense Call and Andrew Barr, July 15, 1899.
 Clyde Robert Carmack and Essie Jone Norris, November 10, 1900.
 Marianna Green and William LaBarthe Steele (1895), April 30, 1901.
 Ernest Alexander Hunt and Adelyn Kimball, June 14, 1900.
 Edward John Lake and Effie Estelle Harris, August 22, 1900.
 Charles Victor Seastone and Susan Benton, June 21, 1900.
 Mabel Stewart and Charles Nelson Cole (1897), August 29, 1899.
 1896. Cora Mae Cairns and Norman Foote Marsh, (1899), January 23, 1901.
 Fred William Honens and M. Isabella Manahan, November 29, 1899.
 Harry Keeler and Edith R. Nilson, August 28, 1900
 George Washington Ludwick and Jeanette Shaw, December 23, 1899.
 1897. James Ansel Dewey and Effie A. Smith, June 12, 1900.
 William Raymond Dull and Edna M. Pope, January 15, 1901.
 Mabel Zilly and L. F. Hamilton, October 17, 1900.
 Harold H. Kirkpatrick and Annette Johnson, October 15, 1900.
 1898. Claude Douglass Enochs and Allie Dellena Hughston (1898),
 June 14, 1900.
 Arthur Burton Hurd and Jessie Homewood Cariman, June 19, 1900.
 Frederick Alexander Mitchell and Belle Mae Roberts, November 1, 1900.
 Rufus Walker, Jr., and Margaret E. Clensty, November 11, 1899.
 Allison James Wharf and Sara B. Thompson, January, 1900.
 1899. Thomas A. M. Bevans and Ann Bradley, April 13, 1900.
 Charles Luther Clifford and Bell Jones, December 25, 1900.
 Lewis Dixon Hall and Elizabeth C. Wilder, June 13, 1900.
 Fred Jacob Postel and Elma Smoot (1899), September 19, 1900.
 Ruth Cleveland Raymond and W. E. Hazeltine, October 17, 1900.
 William W. Webster and Nancy Emma Hartrick (1900), October 3, 1900.
 1900. John Calvin Hall and Grace Debo, August 14, 1900.
 Edward George Hines and Blanche Baum, May 30, 1900.
 Adolph Henry Wesemann and Minnie B. Wuesteman, June 5, 1901.

Deaths—

1875. Winfield Scott Everhart, died at Toledo, August 2, 1899.
 1877. Luther G. Clay, died at Chicago, June 13, 1898.
 1878. Wallace Everett Bridge, died at Detroit, Michigan, March 18, 1899.

1879. Henry Peter Bourne, died at Woodstock, December 11, 1899.
1882. Charles H. Merritt, died at Mason City, February 8, 1901.
1888. Mary Augusta Eldridge, died at Chicago, May 18, 1900.
1892. John Barb Morgan, died at Phœnix, Arizona, January 7, 1901.
1893. Mary Edna Arnold, died at Cambridge, June 2, 1898.
Clyde Benjamin McClure, died at Tuscaloosa, Alabama, February 26, 1901.
1894. John Albert Lowry, died at Gibson City, November 19, 1900.
Benjamin Franklin Templeton, died at Marion, Ind., Jan. 9, 1901.
1897. Edward Warren Poole, died at Dover, May 6, 1899.
1899. Halbert Lilly Chipps, died at Laramie, Wyoming, Nov. 3, 1900.

After some discussion, it was moved and carried that Professor C. W. Rolfe be made a special agent to keep informed of class reunions and to notify the various classes of the special gatherings which it is hoped will be found practical at the twenty-fifth anniversary of the graduation of each of the University classes.

The matter of a memorial to the first President, Dr. Gregory, was discussed. Professor Ricker's resignation from the committee appointed by the Alumni two years ago, was reported. Professor Burrill was elected chairman of the memorial committee and asked to consult with the rest of the committee, and to press matters toward the solution of the question as to what form the memorial should take. The committee was authorized to consider plans for the form of a memorial and to communicate with the various members of the Alumni with a view to securing funds for the purpose.

The Board of Trustees was asked to appropriate \$80.00, or so much thereof as might be needed for the printing and distribution of a report of this meeting.

THE DINNER

At the close of the business meeting in the physics lecture room the alumni and their friends gathered in the physics laboratory above, where a dinner had been prepared, under the direction of the executive committee. The management of the dinner this year, as last, was in charge of Professor C. D. McLane, '92, to whom much credit is due for the success of the undertaking. Miss Lucy B. E. Willcox, 1900, who had charge of the young ladies who did the serving is also deserving of mention. The menu was simple but the whole affair was well managed and satisfactory in every regard.

After the last course was served President H. W. Mahan, acting as toastmaster, in a very happy manner, introduced President Draper. The President spoke of the growth of the University, of its large appropriations this year, and of its constant dependence upon its friends and alumni whom he was glad to welcome this and all years to the old scenes. He expressed a confidence in the growing greatness of the institution, which seemed to meet with the approval of all present.

Mr. Fred L. Hatch, '73, was next called upon to represent the Trustees, and he intermingled his remarks with considerable reminiscence of the old days, which was of interest to all.

Mrs. Alice Cheever Bryan, '74, the first woman graduated from the University, said a few words in favor of the girls.

Mr. John H. Powell, '91, was then called upon to speak for the class that was celebrating its decennial anniversary. He revealed the fact that ten years had not in any way dulled his wit or impaired his aptitude for extemporaneous speaking.

The class of 1901 was represented by Mr. J. H. Gordon and Miss Faith M. Bardwell, both of whom showed their ability to talk easily and interestingly.

The University quartet furnished music at intervals during the program.

[I am indebted to Professor T. A. Clark for the foregoing report of the Dinner.—W. L. P.]

COMMENCEMENT PROGRAM
GRADUATES

1901

UNIVERSITY OF ILLINOIS

THIRTIETH

ANNUAL COMMENCEMENT

WEDNESDAY, JUNE 12, 1901

PROGRAM

March from "Nibelungen", - - - - - *Wagner*
MILITARY BAND

Scriptures and Prayer, - - - Rev. James E. Wilkinson, Ph. D.

Overture—William Tell, - - - - - *Rossini*
MILITARY BAND

Address, - - - - -
Luther Laflin Mills

Spring's Awakening, - - - - - *Bach*
MILITARY BAND

Conferring Degrees, - - - - -

Inflammatus from Cujus Animam, - - - - - *Rossini*
MILITARY BAND

GRADUATES AND THESES

COLLEGE OF LITERATURE AND ARTS

For the Degree of Bachelor of Arts

In Specialized Courses--Theses Required

- JAMES HOWARD ARMITAGEQuintilian's Educational Theories
FAITH LELAND BARDWELL—Robert Louis Stevenson's Indebtedness to the
Eighteenth Century Novelists.
GEORGE MARSHALL CROSSLAND—The Position of Illinois Men in Congress on
Questions of Territorial Expansion, From 1840 to 1861.
MASON MCCLOUD FISHBACK—Illinois Legislation on Slavery and Free Negroes
CHARLES THOMAS GREENE—A Comparative Study of the Style of Isocrates
and Cicero.
IDA MAY HINKLE.....Technique of the Scarlet Letter
DAISY DEANE IDDINGS.....Plot Construction in Henry Esmond
FRANCES EMILY KELLEY—Selections from Schiller's Poems, Edited With
Introduction, Notes and Vocabulary.
KATHERINE ALBERTA LAYTON—Selections from Schiller's Poems, Edited
With Introduction, Notes, and Vocabulary.
ANNIE MITCHELL.....The Comparisons of Vergil
CHARLES WATERMAN NORTON—The Indebtedness of Vergil's Aeneid to
Homer's Odyssey.
EDNA ELIZABETH O'HAIR—Fables of Avianus; Notes, Translation, and
Vocabulary.
NUBA MITCHELL PLETCHER—Selections from Schiller's Poems, Edited With
Introduction, Notes, and Vocabulary.
NELLIE LEWIS READ—Origin and Growth of Political Parties During the
Long Parliament.
FRANK WILLIAM SCOTT—A Study of the Military Nouns in the Anglo-Saxon
Chronicle and in the Account of the Battle of Maldon.
WALTER CAMPBELL SHORT.....Continuous Functions Without Derivatives
EFFIE MAY TULL.....The Greeks of Homer's Odyssey

In General Courses

- | | |
|---------------------------|--------------------------|
| DONALD HERBERT BAILEY | PHILIP ARTHUR CONARD |
| ANETA BALDWIN | MARY BELLE DAVIS |
| ARTHUR TIMOTHY BELL | NELLIE ELIZABETH DETRICK |
| ALICE MARY BLACK | GERTRUDE SEMPILL DILLON |
| LAURA LOUISE BLACK | CHARLES WILBER FRANKS |
| CLAUDE PORTER BRIGGS | NELLIE MAY FRAZEY |
| ASHTON ELLSWORTH CAMPBELL | GRACE ANN GARNETT |
| CHARLES CORY CHAMBERLIN | JOSEPH HINCKLEY GORDON |
| EDWARD PIERCE CHAPIN | FRANCES MYRTLE GREEN |
| CHARLES HIRAM CHAPMAN | HARRY NORMAN GRIDLEY |
| MARGARET BELLE CHESTER | EDNA ROSE HAMMERS |

JESSE HAMMERS
 LAWRENCE SEYMOUR HEATH
 MABEL HOPKINS
 HARLAN HOYT HORNER
 JAMES EDWARD JOHNSON
 ALBERT EDWARD JONES
 WALTER CHARLES LINDLEY
 PAUL EDMUND LODGE
 FRED LOWENTHAL
 CORDA CANDES LUCAS
 EUGENE ADOLPHUS MCCALL
 SIDNEY WALTER WRIGHT

ROBERT WILLIAM MARTIN
 GUNTHER NICHOLS
 ROBERT EARL RICHARDSON
 JOSEPHINE SCHILLINGER
 MABEL SCHULTE
 BRUCE SMITH
 GEORGE CARROLL SMITH
 JOHN HARRIS STRAWN
 CARRIE E TALBOT
 SEYMOUR WILLIAMS
 WINIFRED SUE WILLIAMS

COLLEGE OF ENGINEERING

For the Degree of Bachelor of Science

In Architecture

ALBERT MILLER ALLEN.....An Opera House
 EDWARD PARKMAN BOYDA Hotel
 HARRY EDGAR HUNTER.....A School of Architecture
 ARTHUR TRABUE SIMMONSA Gymnasium
 CHARLES EARL WETHERBEE.....A Conservatory of Music
 RALPH JOSEPH WILLIAMS, A. B. (Knox College), 1897.....A High School

In Architectural Engineering

LOUIS FREDERICK BRAYTON—Tables for Estimating Amount and Cost of
 Materials and Labor for Stone, Brick, and Plaster Work.
 OLOF ANTON NILSSON—Investigation of Stresses in Solid Framed Structures
 and Construction of a Ring and Ribbed Dome.
 FREDERICK PHILLIPS PATRICK.....Twelve Room School House

In Civil Engineering

HORATIO WEBER BAKER—Theory and Practice of Bicycle Race Track Con-
 struction.
 EDWARD JAMES FUCIK.....Flow of Water in Earth Channels
 DALE STUART HARRISON.....Oil on Railroads and Wagon Roads
 CARL HAYS.....Design of a Cantilever Bridge
 BYRON WALLACE HICKS.....Tests of Rock Wall Plasters
 JOHN EDWARD KEMP.....Review of a Rolling Lift Bridge
 HARLOW BARTON KIRKPATRICK—Methods of Decreasing Absorption of
 Cement Mortar.
 JOHN RUDOLPH LOTZ.....Report on a Highway Bridge
 WILLIAM MEIER.....Effect of Fineness on Cement
 EDWARD CLYDE SLOCUMB.....Design of an Interlocking Crossing
 RALPH EWING STEVENSON.....Principles of Railroad Yard Design
 LOUIS LISTON TALLYN.....Design of a Steel Railroad Warehouse
 WILLIAM ANTON THEODORSONDesign of a Swing Bridge

In Electrical Engineering.

ELLIS FREEMAN BRACKEN—Investigation of the Wave Forms of Alternators
 and Synchronous Converters.

ROY HODGSON DILLON.....Behavior of a Rotor in a Three-Phase Field
AUGUSTUS HAROLD GRISWOLD—An Experimental Study of Regulation in
Alternating Current Distribution.

ARTHUR CASSON HOBBLE.....An Experimental Study of Phase Transformers
OSCAR LLOYD HOUSEL.....Behavior of a Rotor in a Two-Phase Field
WILBUR PERRY NORTON—Conditions Affecting the Rated Performance of
Wattmeters.

GEORGE WILLIAM REDFIELD....Line Regulation in Polyphase Transmission
MILES VINCENT STEWART—Performance of a Ten Kilowatt Synchronous
Converter.

In Mechanical Engineering

FRANK GILBERT ALLEN—Investigation of the Explosive Properties of Gas
and Gasoline Vapor Mixtures.

EDGAR DEFOREST BELL.....The Water Rates of Buildings Heated by Steam
WILLIS CULLEM CHIPPS.....A Study of Recording Instruments

GUY RICHARD COLLINS...A Comparison of Reducing Motions for Indicators
FRANK G FROST.....Dynamometer Car Tests of 1901

CHARLES ALBERT HOPPIN.....The Water Rates of Steam Engines
FRED LEAVITT McCUNE—The Transmission of Heat Through Boiler Tubes
when Coated with Scale.

WALTER THORNTON RAY.....Gas Engines

ALFRED HIGGINS SLUSS.....Design and Construction of a Gasoline Engine

DAVID CARROLL VEIRS.....Pneumatic Tools

HENRY WAHL.....Compressed Air

In Railway Engineering

FREDERICK JOEL BIRD.....Water Supply for Locomotive

In Municipal and Sanitary Engineering

WILLIAM HICKMAN RADCLIFFE.....Contact Beds for Sewage Purification

COLLEGE OF SCIENCE

For the Degree of Bachelor of Science

In Specialized Courses--Theses Required In Chemistry

GEORGE RUSSELL CARR—The Variations in Chlorine in the Well Waters of
Champaign, Urbana and Vicinity.

EDWARD MURRAY EAST—Dissolved Oxygen and Its Influence in the Self-
Purification of Streams.

ARTHUR DONALDSON EMMETT—The Chemical Constituents of the Water
Extract of Beef.

HOWARD TYLER GRABER ...Dissolved Oxygen in Water and Its Significance

GUY RUSSELL HARTRICK—Analyses and Properties of Boiler Waters and
Boiler Scales.

CHARLES OTTO ADOLPH KREIKENBAUM.....The Ash Analysis of Foods

FRANK LEWIS LYMAN.....Chemical Constituents of Meat Extracts

RUTHERFORD THOMAS MILES—The Variations in Chlorine in the Well Waters of Champaign, Urbana and Vicinity.

TIMOTHY MOJONNIER.....The Digestibility of Meat

CURT AUGUST SCHROEDER — A Method for the Separation of Alkalies in Boiler Water Analysis.

ERNEST LUDDEN WAIT—Composition and Intrinsic Value of Certain Popular Tonics.

HARRY JACKSON WARNER.....Methods of Analysis of Chrome Pigments

In Mathematics and Physics

LAWRENCE EVERETT CURFMAN—Application of Fourier's Series to the Construction of Discontinuous Functions.

ERNEST BARNES LYTLE.....Double Limits

WILLIAM PITT MILLER.....Uniform Convergence of Series

PERCY ALMERIN SMITH—The Condensation of Singularities of a Function of One Variable.

In Natural Science

HENRIETTA ANNE CALHOUN—Numeration of Blood-Plates and the Relation of the Same to the Process of Coagulation.

HENRY ALLAN GLEASON.....The Flora of the Prairies

JESSE J MYERS.....The Anatomy of *Dactylopius longifolius* Comst.

OTIS ORION STANLEY—On the Separation of Motor and Trophic Nerves by Means of Curare.

In Philosophy

FREDERICK GORDON BONSER....A Statistical Study of Illinois High Schools

In General Courses

In Natural Science

ARTHUR FRANKLIN BARNETT
JAMES WILLIAM BUCHANAN

LOUIS EUGENE HARTRICK
ROSCOE CONKLING MCCORMICK

In Philosophy

WINTHROP SELDEN WELLES

COLLEGE OF AGRICULTURE

For the Degree of Bachelor of Science

JAY HORACE BURDICK.....An Experiment in Mutton Production

CLARK HUGHES FELLINGHAM.....An Experiment in Mutton Production

LEWIS EDWIN GRISWOLD.....Testing Seeds and Germinators

JOHN WALLACE McLANE—A Study of the Influence of the Amount of Organic Matter of the Soil Upon Its Water-Holding Capacity.

COLLEGE OF LAW

For the Degree of Bachelor of Laws

BERTRAM WILSON ADSIT
WILLIAM WRIGHT ARNOLD

JOHN WILLIAM BOYD
HARRY AUGUSTUS COFFMAN

WILLIAM LIEBRICK CROUCH
 ROY SAMUEL ELDER
 HATTIE BELLE FRAHM
 ARTHUR RAYMOND HALL
 GEORGE MIFFLIN HARKER
 FRANK HAMILTON HOLMES
 JOSEPH HOWARD
 WALLACE GEORGE HUMPHREY
 LOUIS ARMAND LAMET

WILLIAM PRIESTLEY MCCARTNEY,
 M. S. 1900
 HARVEY DARLING MCCOLLUM
 FREDERIC ALLEN PERKINS
 FREDERICK GORDON REMANN
 WILLIAM HORACE SHERMAN
 AMOS MILTON STEVENSON
 GEORGE MERSHON THOMPSON
 JOHN JAMES TUNNICLIFF, JR.

SCHOOL OF LIBRARY SCIENCE

For the Degree of Bachelor of Library Science

MINNIE CLARKE BRIDGMAN.....Partial Bibliography of Bookbinding
 JESSIE ANNA CARROLL, A.B. (Wilmington College) 1895—Early German Book
 Illustration.
 FLORENCE EMELINE CARTER—Earliest Forms of Books and Ancient Libraries
 ADELAIDE MARIA CHASE.....Tufts College Library
 AGNES MARY COLE, B.S. (Wheaton College) 1893—The Early Italian Printers
 CLARA ELIZABETH HOWARDModern American Book Illustration
 FLORA DOROTHY HURLBERT — Subject Index to Illinois School Reports,
 1885-1897.
 FANNIE ELLA JONES.....General Index to the Library Chronicle
 MARY HARRIET KITTREDGE.....Monastic Libraries
 STACIA LIVINGSTONThe Early English Press
 MAY LOUISE MARTIN.....Block Printing
 AMY CONSTANCE MOONThe Early French Press
 MABEL REYNOLDS — Select List of Children's Fiction with An Analysis of
 Ninety Books and a Subject Index.
 LORINDA BALLOU SPELLMAN—The Dutch Press of the 16th and 17th Centuries
 MARY ESTELLE TODD.....Public Library Movement in Great Britain
 FLORENCE SHERWOOD WING—History of Movable Type from Its Invention
 to 1462.

SCHOOL OF MUSIC.

For Teacher's Certificate in Piano

NELLIE EDNA CRAW
 MRS. JEWEL CAMP FRETZ

MARY ELLA SMICK
 GERTRUDE THOMPSON

GRADUATE SCHOOL

For the Degree of Master of Arts

ALICE MARY BLACK, A.B., 1901—The Eclogues of Calpurnius Liculus: His
 Indebtedness to Virgil.
 JOSEPH HINCKLEY GORDON, A.B., 1901—Illinois Railway Legislation and Con-
 trol Since 1870.
 ELIZABETH TWINING HALL, A.B., 1900—A Translation of Octavia, a Latin
 Tragedy, With Notes and Introduction.

- HELEN LOUISE MCWILLIAMS, A.B., 1900—A Translation of Molière's *Les Femmes Savantes* and *Les Précieuses Ridicules*.
- MASON HARDER NEWELL, A.B., 1899.....Township Government in Illinois
- FRED EARLE NEWTON, A.B., 1900—Railway Legislation in Illinois from 1828 to 1870.
- WILLIAM GAY PALMER, A.B., 1900—The Study of Latin Prose Composition in the High Schools of Illinois.
- LEWIS ARCHIBALD ROBINSON, A.B., 1898—The Teaching of Secondary Mathematics, With Special Reference to the High Schools of Illinois.
- ELIAS HERBERT WELLS, Ph. B., (DePauw University), 1900—The Coercive Acts of 1774.

For the Degree of Master of Literature

- MRS. VELMA SKINNER WARD, B.L., 1877—A Comparative Study of the Three Editions of Bacon's Essays.

For the Degree of Mechanical Engineer

- EDD CHARLES OLIVER, B.S. (Purdue University), 1898—An Automatic Recording Machine.
- BERNARD VICTOR SWENSON, B.S., 1893—Calculations for a Light and Power Plant.

For the Degree of Electrical Engineer

- HARRY CURTISS MARBLE, B.S., 1896—Theoretical and Experimental Investigations of Induction Machines.

For the Degree of Master of Science

- WALLACE CRAIG, B.S., 1898—On the Fishes of the Illinois River System at Havana, Ill.
- JENNIE MARY LATZER, B.S., 1900—Bacteria and Their Activities in Sewage Waters.
- ADAM VAUSE MILLAR, B.S., 1897—Use of the Compass in Geometrical Construction.
- ALLEN MEADE OTWELL, B.S., 1899—The Design, Construction and Testing of a Thermal Regulator.
- CHARLES ALBERT WALTER, B.S., 1898—Quantitative Estimation of the Active Medicinal Principles of Plants.

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CHARLES EARL WETHERBEE

CLASS OF 1901

Bertram Wilson AdsitWellington
Albert Miller AllenOberlin, Ohio
Frank Gilbert Allen.....Rock Island
James Howard Armitage....Buckingham
William Wright Arnold.....Robinson

Donald Herbert Bailey.....Clinton
Horatio Weber Baker.....Champaign
Aneta Baldwin.....Paris
Faith Leland Bardwell.....Champaign
Arthur Franklin BarnettHallsville

Arthur Timothy Bell.....Azotus
Edgar Deforest Bell.....Urbana
Frederick Joel Bird.....Woodstock
Alice Mary Black.....Champaign
Laura Louise Black.....Champaign
Frederick Gordon Bonser.....Pana
Edward Parkman Boyd.....Aledo
John William Boyd.....Rantoul
Ellis Freeman Bracken.....Greenview
Louis Frederick Brayton.....Mt. Morris
Minnie Clarke Bridgman....Keene, N. H.
Claude Porter Briggs.....Minier
James William Buchanan.....
.....Charleston, Ind.
Jay Horace Burdick.....Elgin
Henrietta Anne Calhoun.....Champaign
Ashton Ellsworth Campbell..Champaign
George Russell Carr.....Oak Park
Jessie Anna Carroll, A.B. (Wilmington
College) 1895Wilmington, Ohio
Florence Emeline Carter.....Waukegan
Charles Cory Chamberlin.....Hoopeston
Edward Pierce Chapin.....Champaign
Charles Hiram Chapman.....Vienna
Margaret Belle Chester.....Champaign
Willis Cullem Chippis.....Sullivan
Harry Augustus Coffman....Champaign
Agnes Mary Cole, B.S., (Wheaton Col-
lege) 1893.....Wheaton
Guy Richard Collins.....Urbana
Philip Arthur Conard.....Monticello
George Marshall Crossland.....Sheldon
William Liebrick Crouch.....Rozetta
Lawrence Everett Curfman....Urbana
Mary Belle Davis.....Urbana
Nellie Elizabeth Detrick....Champaign
Gertrude Sempill Dillon.....Sheldon
Roy Hodgson Dillon.....Normal
Edward Murray East.....DuQuoin
Roy Samuel Elder.....Streator
Arthur Donaldson Emmett.....Peoria
Clark Hughes Fellingham.....Verona
Mason McCloud Fishback....Champaign
Hattie Belle Frahm.....Tuscola
Charles Wilber Franks.....Brookville
Nellie May Frazey.....Urbana
Frank G Frost.....Gays
Edward James Fucik.....Chicago
Grace Ann Garnett.....St. Mary's
Henry Allan Gleason.....Champaign
Joseph Hinkley Gordon.....Vandalia
Howard Tyler Graber.....Peoria
Frances Myrtle Green.....Urbana
Charles Thomas Greene.....Chicago
Harry Norman Gridley.....Virginia
Augustus Harold Griswold....Princeton
Lewis Edwin Griswold.....Blue Mound
Arthur Raymond Hall.....East Lynn
Edna Rose Hammers.....Champaign
Jesse Hammers.....Champaign
George Miffin Harker.....Carbondale

Dale Stuart Harrison	Sterling
Guy Russell Hartrick	Urbana
Louis Eugene Hartrick	Urbana
Carl Hays	Urbana
Lawrence Seymour Heath	Robinson
Byron Wallace Hicks	Warren
Ida May Hinkle	Champaign
Arthur Casson Hobble	Rushville
Frank Hamilton Holmes North Henderson
Mabel Hopkins	Indianapolis, Ind.
Charles Albert Hoppin	Aurora
Harlan Hoyt Horner	Cerro Gordo
Oscar Lloyd Housel	Galesburg
Clara Elizabeth Howard	Bloomington
Joseph Howard	Urbana
Wallace George Humphry	Hamilton
Harry Edgar Hunter	Newton, Ia.
Flora Dorothy Hurlbert	Morrison
Daisy Deane Iddings	Atlanta
James Edward Johnson	Champaign
Albert Edward Jones	Lena
Fannie Ella Jones	Morris
Frances Emily Kelley	St. David
John Edward Kemp	Lake Forest
Harlow Barton Kirkpatrick	Anna
Mary Harriet Kittredge	Keene, N. H.
Adolph Kreikenbaum	Chicago
Louis Armand Lamet	Warsaw
Katherine Alberta Layton	Canton
Walter Charles Lindley	Neoga
Stacia Livingston	Plainfield, Wis.
Paul Edmund Lodge	Monticello
John Rudolph Lotz	Lockport
Fred Lownthal	Chicago
Frank Lewis Lyman	Farmingdale
Ernest Barnes Lytle	Decatur
Eugene Adolphus McCall	Vienna
William Priestly McCartney, M. S., 1900,	Urbana
Harvey Darling McCollum	Louisville
Roscoe Conkling McCormick	Garber
Fred Leavitt McCune	Chicago
John Wallace McLane	Allerton, Ia.
May Louise Martin	Geneva, Ohio
Robert William Martin	Wilmington
William Meier	Chicago
Rutherford Thomas Miles	Champaign
William Pitt Miller	Champaign
Annie Mitchell	Bement
Timothy Mojonnier	Highland
Amy Constance Moon	Champaign
Jesse J. Myers	Green River
Gunther Nichols	Lima, Ind.
Olof Anton Nilsson	Chicago
Charles Waterman Norton	Lockport
Wilbur Perry Norton	Alton
Edna Elizabeth O'Hair	Laurel, Ind.
Frederick Phillips Patrick	Blue Mound
Frederic Allen Perkins	Canton
Nuba Mitchell Pletcher	Hoopeston

William Hickman Radcliffe...Springfield
 Walter Thornton Ray.....Eureka
 Nellie Lewis Read.....Urbana
 George William Redfield....Galesburg
 Frederick Gordon Remann.....Vandalia
 Mabel Reynolds.....Jacksonport, Wis.
 Robert Earl Richardson.....Shipman
 Josephine Schillinger.....Moline
 Curt August Schroeder.....Chicago
 Mabel Schulte.....Hopedale
 Frank William Scott.....Centralia
 William Horace Sherman.....Sullivan
 Walter Campbell Short.....Fillmore
 Aaron Trabue Simmons.....Jerseyville
 Edward Clyde Slocumb.....Champaign
 Alfred Higgins Sluss.....Tuscola
 Bruce Smith.....Newman
 George Carroll Smith.....Flora
 Percy Almerin Smith.....Dixon
 Lorinda Ballou Spellman..Granville, Ohio
 Otis Orion Stanley.....Champaign
 Amos Milton Stevenson.....Ottawa

Ralph Ewing Stevenson....Bloomington
 Miles Vincent Stewart.....Toulon
 John Harris Strawn.....Albion
 Carrie E Talbot.....Plymouth
 Louis Liston Tallyn.....Benson
 William Anton Theodorson.....Chicago
 George Mershon Thompson....Bement
 Mary Estelle Todd.....Syracuse, N. Y.
 Effie May Tull.....Farmer City
 John James Tunnickliff, Jr.....Galesburg
 David Carroll Veirs.....Urbana
 Henry Wahl.....Champaign
 Ernest Ludden Wait.....Urbana
 Harry Jackson Warner....Prophetstown
 Winthrop Selden Welles.....Urbana
 Charles Earl Wetherbee.....Sterling
 Ralph Joseph Williams, A. B., (Knox
 Coll.), 1897.....Galesburg
 Seymour Williams.....Monticello
 Winifred Sue Williams.....Newman
 Florence Sherwood Wing..LaCrosse, Wis.
 Sidney Walter Wright.....Atlanta

COLLEGE OF MEDICINE

For the Degree of Doctor of Medicine and Surgery.

Degrees conferred May 28, 1901, in Chicago.

Eugene Scott Alexander.
 William Henry Ameron, M. D.
 Andrew James Ames.
 David Apfelbaum.
 Frederick Baumann, A. M., Ph. D.
 Charles Orville Bechtol, A. B.
 Henry Sumner Bennett.
 Arthur Edwin Beyer, Ph. G.
 George Washington Billig, M. D.
 John William Birk.
 Jacob Henry Boss.
 George Francis Bracken.
 James Harvey Bradfield.
 Edwin Jason Brewer, B. S.
 Frederick Edward Albert Buechner,
 Ph. G.
 Edward Wilbur Burke.
 Charles Ward Burt, B. S.
 Francis James Buss.
 Warren Leonard Cameron.
 Cora White Carpenter.
 John Langdon Chassell.
 Elmer Church.
 Leslie Webb Clarke.
 Hugh Patrick Conway.
 George William Corbett, Ph. G.
 Budd Clarke Corbus.
 Walter Bennett Cory.
 Warner Ransom Coumbe.
 Warren DeWeese Coy, B. S., M. D.
 Louise Lockwood Culver.
 William Dickson Cunningham, A. B.

Ralph Clinton Cupler, Ph. G.
 Frank Dennert.
 Alden Ray Denny, Ph. B.
 George Raphield Diven.
 Charles Augustus Dodson.
 George Dohrmann.
 Walter Amizi Domer, B. S.
 Alfred DeForest Donkle, Ph. G.
 John Condit Dwyer.
 Noble Murray Eberhart, M. S., M. D.
 Edward Glennon English.
 John Adolph William Fernow, Ph. G.
 Mortimer Frank, B. S., C. E.
 George Marion French.
 George Galloway.
 Isabella Maude Garnett.
 Edward Francis Garraghan, A. B.
 Talbot John Howe Gorrell.
 Henrietta Gould.
 Joseph Ansley Gustafson.
 George Haan.
 John William Hanshus, Ph. G.
 Ernest Samuel Heilman.
 Edward Lewis Heintz, Ph. G.
 George Murray Henbest.
 William Clarence Hess.
 Lewis Dewitt Hews.
 Bernhard Alfred Hoermann, A. B.
 William Peter Hombach.
 Frank Stewart Howe, B. S.
 Robert Patton Hoxsey, B. S.
 Chester William Hubbard.

Hiram Henry Hunt.
 Henry Eugene Irish.
 Melvin Jacobs.
 Albert Cowell Johnson.
 Cecil Corwin Johnson.
 Marion Sparehawk Jordan.
 Albert Frederick Kaeser, B. S.
 James Rossiter Kellogg.
 Josie Cecilia Kennedy.
 George Peter Kerrigan.
 Roscoe George William Kinder.
 David Edgar Kisecker, M. D.
 Wesley Alfred Koch.
 Albert Charles Kubicek, M. D.
 Henry George Lampe.
 Derk Lanting.
 Herbert Lemon, M. D.
 Aloysius Joseph Lennon.
 Henry Sylvester Leonard, A. B.
 Flemming Loureston Liggitt.
 Frank Byn Ling.
 Zack Little.
 Carl Wright Lockhart, Ph. G.
 Frank Roy Loope.
 George John Lorch, Ph. G.
 Henry Eberhart Luehrs.
 Andrew McAuliffe.
 Harry Kenyon McCall.
 Clarence McClellan, D. V. S.
 William Merrill McCoy.
 Robert McDonald.
 William David McDowell, B. S.
 William Orren McDowell.
 James McGuinn.
 Warren Gordon McPherson.
 Will Major, B. S.
 Hugh Ralph Martin.
 Winfred Byrum Martin.
 John Cunningham Maxwell.
 Lawrence Harland Meadows.
 Edward Frederick Meyer, M. D.
 John Moradian, M. D.
 Frank Roy Morton.
 Engelbrecht Nelson.
 William Manning Newman.
 Charles Montague Noble.
 Philip Noland, M. D.
 Clifford Irwin Oliver.
 Dwight Chapman Orcutt.
 John Mathiew Palmer.
 William Parker, Ph. G.
 Ivan Arthur Parry.
 Franklin Petry.

Hans Peter Christian Petersen,
 A. B., Ph. G., M. D.
 Vera Wallen Pleth.
 Nina Polson.
 Irene Robinson Pratt.
 Ora Marcus Rhodes, B. S.
 Katherine Brainerd Rich.
 Joseph Elmer Ridenour.
 George Roy Ringo, A. M., C. E.
 William Fernando Robertson.
 Theodore Henry Rolfs.
 Edward Daniel Sage.
 Theodore William Scholtes.
 Charles James Scofield.
 Charles Edwin Sears.
 Mathias Joseph Siefert.
 Will Severson.
 James Wilson Shanks.
 Robert Henry Shaw.
 Hauphrey Helm Sherwood, Ph. G.
 William Edward Shook.
 Irene Smedley, A. B.
 Hugh Emery Smith.
 James Tyler Smith.
 Erik Soegaard.
 Julius Charles Sommers.
 Walter Sternberg.
 Hiram Read Stilwill, M. D.
 Alvin Martin Stober.
 William Storck, Ph. G.
 Edwin August Streich, Ph. G.
 Herbert Rankin Struthers, Ph. G.
 George Gordon Talmage.
 Martha Burine Thorwick.
 Charles Peter Tilmont.
 Frederick Treacy.
 Agnes Turner.
 Delos Ashley Turner.
 Julius Hirsch Ulrich, Ph. G.
 Roy Thomas Urquhart.
 James Aphthorp VanHorne.
 Victor Immanuel Vestling, A. B.
 Franklin Lanphere Wallace.
 Bismarck von Wedelstaedt.
 William Burdick Wells, M. S.
 Fred Caldwell Wheat, B. S.
 Bertha Lillian Willing.
 Charles Oscar Wiltfong.
 Anna Sophia Windrow.
 Charles Ely Wright, D. V. S.
 Winifred Arene Velton.
 Joseph Zabokrtsky.

SCHOOL OF PHARMACY

For the Degree of Graduate in Pharmacy

Degrees conferred April 25, 1901, in Chicago.

Harry Lawrence Marie Bank.
Ira Clark Bradley.
William Jefferson Briggs.
Fred Blaine Clarke.
James Henry Crew.
Peter Czaja.
William Downey.
William Robert Englert.
Edwin Everett.
Roscius Wright Freeman.
Harry William Giese.
Alexander Glogau.
Maude Alma Gregg.
George Henry Hamer.
Henry Hartig.
Maude Finley Hobart.
Daniel Joseph Hogan.
Charles Howk.
George Smith Ives.
Eli Jensen.
Robert August Karr.
George Henry Lyons.
Frederick William Mayo.
Joseph Donald McDougall.
Frank Leslie Newman.

Richard Lisle Oliver.
Charles William Parker.
Benjamin Perry.
Enoch Fred Peterson.
Fred Lewis Pfaff.
William Robetoy Phillips.
Moses Reuben Price.
Frank Joseph Randack.
Albert Reighmann.
William Anthony Rennen.
William Robert Rodenhauser.
Anton Roesch.
Marvin Bird Cleo Rounds.
Herman Anton Salchert.
John Jacob Samuels.
Walter Johan Schaefer.
Charles Frank Ralph Schaffarzick.
Charles Frank Schultz.
Arthur Henry Schulze.
Morris Albert Shapiro.
Vincent Howard Shaw.
Edward Henry Stahl.
John Clyde Swan.
Frank Elijah Swartz.

UNIVERSITY OF ILLINOIS

DEGREES

1. IN THE COLLEGE OF LITERATURE AND ARTS the degree of Bachelor of Arts, A. B., in four year courses, as follows:

1. General courses, offering a wide range of electives and classified according to the principal line of work chosen.
2. Specialized courses, or courses under the group system, including (a) The Classical Group, (b) The English Group, (c) The German and Romanic Language Group, (d) The Latin and Modern Language Group, (e) The Philosophical Group, (f) The Political Science Group.

2. IN THE COLLEGE OF ENGINEERING the degree of Bachelor of Science, B. S., in four year courses, as follows: (1) In Architecture, (2) in Architectural Engineering, (3) in Civil Engineering, (4) in Electrical Engineering, (5) in Mechanical Engineering, (6) in Municipal and Sanitary Engineering, (7) in Railway Engineering.

3. IN THE COLLEGE OF SCIENCE the degree of Bachelor of Science, B. S., in four year courses, grouped as follows: (1) The Chemical and Physical Group, (2) The General Science Group, (3) The Household Science Group, (4) The Mathematical Group, (5) The Pedagogical Group, (6) The Preliminary Medical Group.

4. IN THE COLLEGE OF AGRICULTURE the degree of Bachelor of Science, B. S., in four year courses, distributed in departments of—(1) Agronomy, (2) Animal Husbandry, (3) Dairy Husbandry, (4) Horticulture, (5) Household Science, (6) Veterinary Science.

5. IN THE COLLEGE OF MEDICINE, College of Physicians and Surgeons, Chicago, the degree of Doctor of Medicine, M. D., in a four year course in medicine and surgery.

A SCHOOL OF DENTISTRY will be opened by the College of Medicine October 1, 1901.

6. IN THE COLLEGE OF LAW the degree of Bachelor of Laws, LL.B., in a three year course in law.

7. IN THE SCHOOL OF LIBRARY SCIENCE the degree of Bachelor of Library Science, B.L.S., in a four year course.

8. IN THE SCHOOL OF MUSIC the degree of Bachelor of Music, B.M., in four year courses in vocal and instrumental music.

9. IN THE SCHOOL OF PHARMACY, Chicago College of Pharmacy, the degree of Graduate in Pharmacy, Ph.G., in a two year course, and that of Pharmaceutical Chemist, Ph.C., in a three year course in Pharmacy.

10. IN THE GRADUATE SCHOOL the master's degree after the Bachelor's degree for one year of graduate work in arts, science, architecture; the degree of Civil Engineer, C. E., Electrical Engineer, E. E., and Mechanical Engineer, M. E., after that of B. S. for one year of graduate work in the respective engineering courses; and the degree of Doctor of Philosophy, Ph.D., for three years of graduate work leading thereto.

